Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

JANUARY 2001



WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

BOISE: More news! We'll be at the Super 8 near the airport, and our host, Frank Aden, has negotiated a terrific deal. WTFDA members will enjoy a \$55 plus tax rate (total per day is \$62.10) for our 2001 convention July 27-29. More information regarding booking will be available in this column next month. While we are not endorsing any particular means of transportation to Boise, it should be noted that the city is on the Southwest Airlines system; and that means that if you're interested in flying and are alert to that carrier's frequent 'specials', you stand a very good chance of getting a round trip ticket from just about any of their other U.S. destinations for around \$200.00; and in some cases considerably less. Also coming up soon, more info about the registration process and cost; and the banquet. The dates are LOCKED IN...and we hope you'll lock in on them and join us in Idaho.



SUPER 8 LODGE — BOISE

2773 Elder Street • Boise, ID 83705 • PHONE: 208-344-8871

Don't miss the TV-FM DXer's event of the year July 27-29.

MEMBERSHIP ROSTER: After several years of talking about it, and increasing demand to produce it, the deed has finally been accomplished...and you'll find an up-to-date list of members in the 'centerfold' section of this issue. Listings are alphabetically arranged by state/province (two letter abbreviations) and countries other than the U.S. and Canada (three letter codes.) The data has been carefully inspected and proofread, and hopefully is error free. In the event you you find mistakes or wish to have your listing modified, please contact Tom Bryant. Now that we have the mechanics for this feature in place, we'll update it about once a year as space allows.



WTFDA MAILBOX

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Mike Bugaj

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JANUARY 2001

Welcome to the VHF-UHF Digest for January. Hope you had a good holiday season and got that little "toy" you always wanted, like that antenna your wife bought you, or that rotor you got from your kids (am I dreaming, or what).

Let's welcome Scott Altice into the club. Scott lives in Asheville, N.C. and is an old Dxing veteran. And let's welcome back Don Niles of Clarksburg, W.V. Don was away for a few months, but missed us and came back.

Staying with us for another year are Randall Trapp(MN), Matt Sittel(NE), little Lenny Goldberg(OR), 'ole DX buddy Bill Nollman(CT), John Adams(OR), Marvin Shults(IL), George Rogers(GA), Eric Bueneman(MO), John Callarman(TX), Joe Gragg(TX), Robert Delaney(IL), Ed Norris(IN), Ed Hanlon(CT), Dave Pomeroy(KS),Ted Liszweski(NJ), Rick Shaftan(NJ) and I'm especially glad to see Bob Seybold(NY) back for another year. Better late than never! Thank you all for your checks which I will be cashing and using on my next vacation to Aruba (just kidding!).



Scott Altice writes "Glad to be in the club. Been a DX nut since I was a kid...I live in the mountains of western N.C, so have good to excellent RX most of the time...Glad to see I'm not the only one

afflicted with this DX affliction! (Nope, consider this group therapy. Scott found us through our website).

Thanks go to David Sinclair(BC) for sending the picture for the December VUD cover. This came in the mail months ago and it looked great. Thanks Dave.

John Vervoort asked if we could publish a list of current club members. If things go as planned you should be finding one in this VUD. John was also looking for a list of NOAA weatheradio stations and I referred him to Matt Sittel's comprehensive list at

Matt's website and I mailed him a copy.

Rich Wertman is still running a sale on antennas and preamps, etc. Please see his ad in the December VUD. I will make one change to Rich's ad. It's now a *Winter* sale instead of a *Fall* sale. If you need something, see Rich.

Last month you saw here a little blurb about the Conrad RDS Manager. Well, as luck would have it, right after I mailed out my column I found that you cannot get these things anymore. The RDS Manager is out of production and new units are not available. John Faulkner of the British TV-FM DX Circle has found an internet site with instructions on making your own. Perhaps some industrious soul eager to make a little money will try building a few for us. Hint.

Our chat buddy Ryan Grabow is going to school at C.W. Post College on Long Island, where he pulled some strings and got a job at WCWP-88.3 at the college. His first stint on a Thursday evening got him 12 minutes of air time. Not much, but it is a start. Keep on truckin', Ryan!

CLUB STATS

Club membership as of the middle of December stands at about 275 people. The WTFDA reflector is doing well, up to around 120 subscribers. The reflector and the various member websites are great for attracting people into the club who were into the hobby years ago and lost touch with it. And of course Tim McVey is doing a great job with the WTFDA site at www.anarc.org.lf If you don't have a computer, find a friend or a relative with one and take a look. You will like what you see.

Club Activities

Chat on Delphi every Tuesday and Friday night at 10pm ET. http://www.delphi.com/WTFDA.

Subscribe to the WTFDA reflector at Topica. To subscribe send a blank email to:

WTFDA-subscribe@topica.com

HOW I BEGAN DXING

This time Ryan Grabow raises his hand and pleads "Pick me, pick ME". OK, it's your turn:

" When my family moved back to Long Island from Florida in 1991, I was only 9 and didn't notice the major switch in TV market areas. Upon subsequent visits to my family down south, I wanted to bring home the local Florida TV Guide. I don't know where my sudden interest in TV Guides came from, I just liked comparing their NBC affiliate to my own (WNBC). It wasn't long before I had memorized the channels in the New York Metro edition (now discontinued). Back then we didn't have cable, just the antenna that came with the house. Late one afternoon (winter of 1993?) I was watching TV when I realized that there were local stations I had never watched; I decided to check out the IDs of WNYE-25 and WNYC-31 (now WPXN) at the next commercial break -- my life of channel-surfing rebellion had begun.

Now checking out all the channels, I discovered that WNJN-50 would sometimes come in, and other times not. I found this to happen on many channels listed in my TV Guide, but that didn't come in regularly. I had discovered tropo, my first out-of-market discoveries were Philadelphia and Scranton.

One day I was getting a PBS station on channel 15 that I couldn't ID, this is the first time I recall going crazy about an unID; another opening developed and I IDed it as WHRO - Hampton Roads; I didn't know I could get signals as far as Virginia, so I thought it was from the Long Island Hamptons. Once I discovered it was Virginia, other openings developed and I DXed many other stations from Maryland and Virginia; it was at this time my dad suggested that the stations were actually low-power stations from NYC, I didn't believe him. My first loggings were from the summer of 1995, when I was still discovering Virginia.

If I was shocked when I discovered 300+ mile tropo, imagine my surprise when I discovered E-skip! I was watching something on channel 2 one night, another station was ghosting in the background; I hoped it would show its logo or something; well, I didn't end up frantically running to get my station listings just for the exercise. I had IDed WESH, and after looking up all the usual suspects (the northeastern states) I finally looked up Orlando, FL. After the doctors revived me, I

had my first all-time distance record. KMTV and WLBT soon became common E-skip catches. I called DXing, "improved reception" (or "IR") and was becoming more interested in it each summer.

For my 14th birthday, I asked for a new antenna that would be larger than the current one. I received the RS VU-110XR, and with my birthday money I bought a rotator. After my 15th birthday I was liberated from my parent's TVs (which I weren't allowed to "damage" by watching weak signals) and got my own; this was followed by my own VCR the following Christmas. After I recognized DXing as a hobby, I knew there had to be others out there who did this. It wasn't until early 1999 that I went online in search of other DXers (it was then that I learned it was called "DXing"), and quickly found the WTFDA. I joined as soon as I got my sample issue. Shortly after I began keeping continuous logs and totals. Now I stand (or sit) here a better DXer who has also gotten hooked on other radio hobbies all due to that TV Guide I so longed for. 73s Ryan

THIS RX WON'T OVERLOAD

From Bill Nollman: "The BEST local rejecting tuner I have ever seen (is the Yamaha T-85). I use it only 3 miles line of sight from 2 of Hartford's 50kw'ers (you can see the tower lights from here). I can point right at WCCC and WTIC and hear almost no effect on the FM band. I've tried the Carver TX11, Onkyo T9090, Yamaha TX900, Denon TU800, and a MR78 here, and except for the MR78 being very close, none of them could handle the Probe 9 facing straight at the xmtrs. The only negative of this tuner is the "signal quality" signal meter. In a word, one of the dumbest designed features nextto mono muting in a car stereo or the "blue screen" muting in a VCR. The tuner does need to have it's IF filters modified, but with that and the .01 MHz tuning steps, this tuner is (in my opinion) the best tuner for the crowded FM bands in close proximity to 50 or 100Kw locals".

LAST BUT NOT... WHAT?

Well, 2001 looks like another good year for the WTFDA and the reason is **YOU**. Thanks for all the support you have given me, and if I can return the favor just ask. Keep in touch. How did you start in this hobby? Write! -Mike

EXTREME E-SKIP and tropo!

Recent conversations from the WTFDA Reflector

Twice, I've seen ES last through an ENTIRE night. Both times the path was from here in ON to TX..and both times it was a weak Ch 2 Houston & 2 Denton in and out most of the night..with peak overnight MUF at 6. There were times when the MUF dipped below 2 for perhaps 20 minute intervals..but basically isn't it still an ES opening in progress even if the MUF dips to 40 MHz for a while. (?) In both events, signals picked back up in strength around 8 AM.

Now..that may not have been 2 days straight (48 hours)..but I can imagine that happening since countless times there has been all-day ES. 1978 had some really long-lasting blockbuster openings..but being 15 years old at the time, I had to go to bed with openings still in progress..and openings going on upon waking up (Bill Hepburn, ON)

Yes, ducting of continuous 40+ hours is possible, I would mention only the Thanksgiving weekend of 95. I first noted it Saturday Nov. 25 at 6 PM with east coast of Florida. Last signal Monday 27 at 8 AM, leaving to work (38 hours), it for sure lasted a couple of hours more as 1,000+ signals were still good color enough. Sometimes the difference of height in terrain is a huge difference for tropo. I had many strong tropo openings to areas of other DXers and sometimes they didn't notice the DX Also I remember reading some tropo reception of Mexico City (surrounded by mountains) FM's from Florida on a back VUD (Fernando Garcia, NL)

Back on Thanksgiving of 1986 I recorded the best tropo opening ever. if I remember correctly the opening lasted approximately 2 days with the best being about 3 am of the day after Thanksgiving. During this opening I logged numerous openings to Oklahoma on UHF. I still have much of this on old beta tapes. I fondly remember a qsl card from KMGC? 34 from OK. City. Yes a person can watch trops or hear them if the right duct is open. Oklahoma from here is 1300+miles. Just my 2 cents worth. (Rich Wertman, NY)

Why not 40-hour trop? Bakersfield, CA, is not known for its ducting. Yet, sometimes it happens. And the most likely for the area from Bakersfield to Sacramento and a bit beyond is in the winter, when an inversion layer sets up, and there is heavy night and morning fog over a 300-mile stretch, with only partial clearing in the afternoon. When this happens, the fog is zero-visibility from 6 PM to 11 AM daily.

Get this high-pressure dome to blanket the region for long enough, and trop gets better day by day. Minor-league stuff for those of you out East, but trop nonetheless. In 1971, this stagnant weather situation lasted around two weeks. By around the tenth or

TRUE STORIES OF
AMAZING DX
by
REAL DXERS!

eleventh day, conditions on FM were getting quite intriguing, and, with varying degrees of intensity, Sacramento was received on FM from Bakersfield for three days. Always there, but peaking between 4 PM and midnight or so. Granted, not as earth-shaking as CO to NC for distance, (this was around 300 miles), but it did last for 3 days, in February of 1971. I made tapes, but have since lost track of them. (Rick Lewis, AZ)

Well folks, I have been TV DXing since the mid 50's and I DO remember E's going around the clock, 24 straight hours. And then on and on. By 0300 north Texas time the signals were weak, BUT, KNXT-2 in Los Angeles was still there. This was in summer of 1957. KEY-T-3 Santa Barbara would fade in and out, after KRLD-4 in Dallas would sign off. (Remember when stations signed off the air at midnight.) I remember that the sun spot count was the highest ever recorded up to that time.

Trop's was GREAT!! Channels 7 to 13 (My parents were poor as we only had a VHF TV) was alive all through the day around the clock. The Houston stations were in daily, especially in the morning. We watched channels 11 and 13 from Houston EVERY morning as well as 12 from Shreveport. The signals were always like locals. (Willis Monk, TN)

WTFDA SPECIAL REPORT

Greg Coniglio
90 Slate Creek Dr. #3
Cheektowaga, New York 14227
Coniglio@adelphia.net
www.geocities.com/~wgrc

2000 FM E-Skip Summary

"Excellent July / Early August, Mediocre Overall"

THE TOP 10 SKIP DAYS OF 2000:

DATE	TOT	#REP	AVG	MUF	HIGH	TV RANK
JULY 5	409	14	29.21	111.4	88	
AUGUST 4	219	13	16.84	107.9	54	2
JULY 21	172	9	19.11	107.9	53	4
JULY 6	124	8	15.50	111.5	89	-
JULY 10	120	8	15.00	111.6	31	5
JUNE 11	120	5	24.00	112.1	64	
JUNE 24	119	7	17.00	110.2	59	-
JUNE 7	111	9	12.33	106.5	26	-
JULY 16	111	7	15.86	110.6	67	-
JULY 3	110	9	12.22	107.9	48	73 -

KEY:
TOT: total no. of FM loggings
#REP: number of DXers
reporting skip
AVG: average number of
loggings per DXer (tot / rep)
MUF: maximum useable freq.
HIGH: the most loggings
reported by one DXer for
that day

KEY:

TOT: total no. of FM loggings for month

#DAYS: no. days with FM Es that month

AVG: average number of loggings per DXer (tot / days) AVG MUF: average MUF for month

RANK: This month/year's ranking compared to the past 19 seasons. PCT: This year's # of loggings

compared to the average for that month over 1981-2000

SKIP RESULTS BY MONTH:

MONTH	TOT	#DAYS	AVG	AVG MUF	RAN K	PCT
JANUARY	22	5	4.40	93.92		
FEBRUARY	8	1	8.00	107.90	2 nd	516.1%
APRIL	25	5	5.00	98.02	5 th	111.1%
MAY	346	-17	20.53	101.56	14 th	63.8%
JUNE	916	26	35.23	103.05	15 th	64.2%
JULY	1441	24	60.04	104.18	9 th	127.5%
AUGUST	321	9	35.66	100.19	7 th	153.9%
SEPTEMBR	8	1	8.00	106.30	5 th	130.1%
OCTOBER	8	1	8.00	101.30	4 th	82.5%
TOTAL '99	3089	89	34.70	102.05	12 th	91.4%

SEASON BREAKDOWN BY MUF

MUF	Openings	% season	JAN	MAY	JUNE	JULY	AUGUST
107.9 +	7	7.87 %	0	0	3	4	0
Up to 107.9	14	15.73%	0	0	5	7	1
Up to 105.1	32	35.96%	0	3	11	13	2
Up to 100.1	57	64.04%	1	10	18	18	5
Up to 98.5	62	69.66%	1	11	21	19	5
Up to 92.1	88	98.88%	1	17	25	24	8
Up to 88.1	89	100.00%	1	17	26	24	9

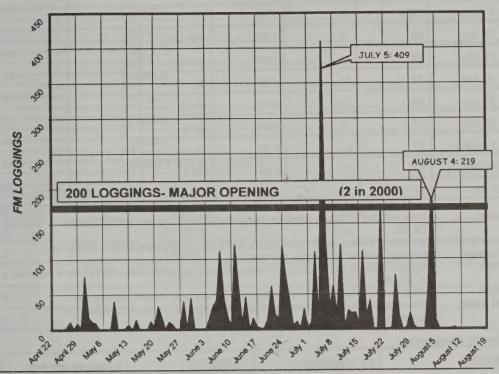
KEY:

MUF: Maximum Useable Frequency for FM skip
OPENINGS: The number of days on which FM skip MUF reached that high in 2000
% SEASON: The percentage of total FM skip days that saw an MUF this high
MAY, JUNE, JULY, AUGUST: The number of days during this month on which the MUF got this high

Skip loggings are taken from DX reports in Northern and Southern FM DX columns, up to and including the December 2000 VUD. Rankings are in comparison to the period 1981 – 1999 (the past 18 years).

NOTE: Many thanks to Roy Barstow, who kindly provided VUDs from the period 1972 – 1979 to add to my records. I have completed going through most of these VUDs, but have not incorporated them into





E-SKIP TOTALS FROM RECENT SUMMERS-

YEAR	TOTAL	# DAYS	AVER	APR	MAY	JUN	JUL	AUG	SEP
2000	3089	90	34.32	25	346	916	1441	321	8
1999	3178	55	57.78	0	409	1415	1319	27	0
1998	2361	60	39.35	46	488	1101	366	330	0
1997	1371	45	30.47	0	66	672	349	284	0
1996	2743	67	40.94	3	489	959	1180	104	0
1995	3746	74	50.62	2	406	891	2249	143	0
1994	8567	84	101.99	227	1454	5158	1574	153	1
1993	2688	55	48.87	0	57	1762	809	46	11
1992	2674	44	48.61	0	840	1523	140	99	0
1991	4003	78	51.32	0	483	1064	1929	356	10
1990	4980	68	73.24	0	2019	1603	1258	74	13
1989	3848	74	52.00	1	581	550	2031	531	0
1988	1965	67	29.33	0	357	1186	307	33	0
1987	4922	82	60.02	59	209	2661	1686	300	0
1986	2951	73	40.42	21	802	978	469	573	18
1985	1786	64	27.91	0	170	842	614	11	66
1984	1639	87	18.84	40	550	515	332	72	11
1983	3856	76	50.74	0	373	1525	1714	112	0
1982	4333	74	57.77	20	425	2038	1508	334	0
1981	3366	59	57.05	1	424	1085	1625	228	0

The final tally this year finishes 12th of of the past 20 years, making it an "average" season, similar to last year (but slightly worse). This year saw more openings outside the June-July period, to help balance out a fairly poor June. July was a good month, with some FM nearly every day. Statistically, June is somewhat better than July, but not this year. Skip went into August later than average, as well. There was also a lack of major openings this year, though July 5th and August 4th certainly were exceptions. The latter was especially good, with long lasting high MUFs, and many DXers reporting multiple clouds. HAPPY NEW YEAR!

Special Report: Y2K TV Es summary

Top openings:

Date:	Total:	Reporters:	Average:	MUF:	High:	FM Rank:
5 July	122	12	10.17	109 MHz	23	1
4 August	88	12	7.33	Ch. 7	27	2
25 July	80	11	7.27	106 MHz	22	
21 July	73	10	7.30	90 MHz	21	3
10 July	71	11	6.45	Ch. 7	19	5
26 July	68	13	5.23	Ch. 6	13	
29 July	59	10	5.90	Ch. 6	12	
3 August	57	9	6.33	Ch. 6	20	
12 July	51	11	4.64	Ch. 6	12	
8 July	51	12	4.25	Ch. 6	10	

Total:

Total number of Idd Es loggings made during 2000 and reported to Eastern or Western

TV DX

Reporters: Average:

Number of DXers reporting at least one Es signal (including unIDs) on this day.

Average number of loggings per reporter.

MUF:

Highest channel or frequency on which Es signals (not necessarily TV) were reported

on this day

High: FM Rank: Maximum number of IDd TV Es loggings by any one reporter on this day. The rank of this date (in total number of Es loggings) in Greg Coniglio's FM Es

summary.

Monthly breakdown:

Month:	Es Loggings:	Es Days:	Loggings per day:
January	68	11	6.18
February	13	3	4.33
March	1	1	1.00
April	49	5	9.80
May	275	25	11.00
June	357	29	12.31
July	1093	29	37.69
August	186	10	18.60
September	3	2	1.50
October	7	1	7.00
November	0	0	0.00
December (1999)	20	6	3.33

Annual breakdown:

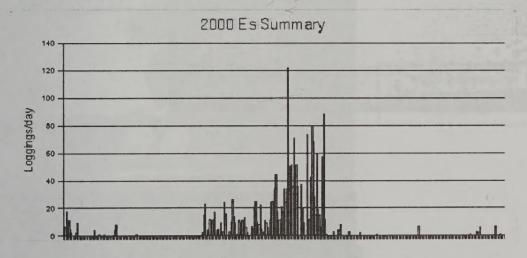
Year:	Es Loggings:	Es Days:	Loggings per day:
2000	2072	122	16.98
1999	1605	96	16.72
1998	1958	139	14.09
1997	1396	136	10.26
1996	2954	178	16.60
1995	3391	160	21.19
1994	2253	118	19.09
1993	1585	102	15.54

Pests:

Number of loggings:	Stations:
62	WPBT 2
54	WESH 2
53	XEFB 2
42	KPRC 2
41	WEDU 3
35	KNAZ 2
34	KTVK 3
32	KGAN 2
29	KWGN 2
26	WCBD & XEPM 2; KOTA 3

Pests, by channel:

Channel:	Station:	Loggings:	
2	WPBT	62	
3	WEDU	41	
4	XHG	13	
5	XEJ	11	
6	WTVJ	7 8	



After a rather lengthy drought, the skip is back! 2000 was the best year since 1996. (and it was even better than it appears; I managed to misplace my August VUD while compiling this report, so a significant amount of early-season skip is missing...) There were two dates with high-band skip (10 July and 4 August), though the lack of correlation between good TV days and good FM days was rather unusual. Roy Barstow logged Puerto Rico and a tentative Venezuelan, but nothing else particularly exotic was noted on the TV dial this year. (can't say the same for FM!)

The first tentative reports of DTV skip also appeared this year, with Danny Oglethorpe noting unusual snow on channel 2 at times when stations from the Great Lakes were in. It is very possible this was WKYC-DT Cleveland. (of course, we'll have to have more DTV receivers in service before we can know for certain whether conclusive identification of DTV Es is actually possible)

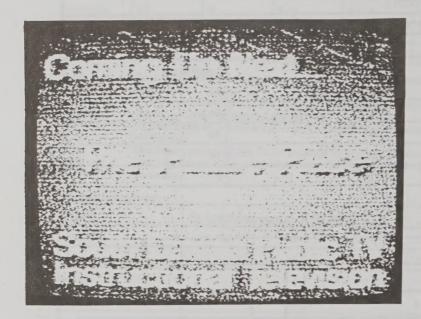
Douglas E. Smith, W9WI 1385 Old Clarksville Pike Pleasant View, TN 37146-8098 w9wi@w9wi.com



Jeff Kruszka, Editor 5024 S. Braxton Ave. Baton Rouge, LA 70817 JTKruszka@worldnet.att.net

January 2001

And now the rest of Aaron Mitterling's E-skip photos from Ft. Wayne, IN.



KUSD-2 Vermillion, SD 600 mi Es seen 4/27/00 @1055 ET

KLBY-4 Colby, KS 850 mi Es seen 6/22/00 @1100 ET





KWGN-2 Denver, CO 1020 mi Es seen 6/26/00 @1119 ET "WB2 News"



WGBH-2 Boston, MA 720 mi Es seen 6/29/00 @1029 ET

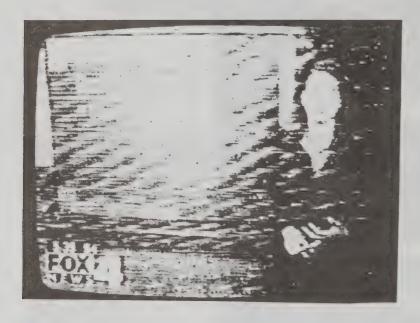


WWAY-3 Wilmington, NC 600 mi Es seen 7/3/00 @1100 ET

Photo News

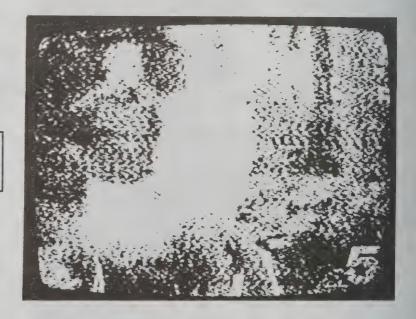
January 2001

Page 3



KDFW-4 Dallas, TX 860 mi Es seen 7/5/00 @1705 ET

KXAS-5 Ft. Worth, TX 900 mi Es seen 7/6/00 @1110 ET



Great photos, Aaron! DX has been slow here. Very few gulf openings which is rare for this time of year. Look for more photos from Danny Oglethorpe and Matt Sittel in the coming months. Keep those photos coming!

73's,

Jeff 12

TV News

January 2001

Douglas E. Smith W9WI 1385 Old Clarksville Pike Pleasant View, TN 37146-8098 W9WI@w9wi.com

http://www.w9wi.com

Abbreviations:

AF	Applied for (a new station)	NW	New station on the air
CC	Call change	PC	Power (or tower height) change on the air
CL	City-of-license change	PG	Power (or tower height) change granted
DE	Station deleted	QC	Channel change on the air
FC	Programming (format) change	QG	Channel change granted
LC	License to cover (for changes or new	SI	Off the air ("silent")
	station)	XC	Transmitter site change on the air
NO	Not on the air	XG	Transmitter site change granted
NS	New station granted permit		

Class A status means a LPTV station has requested or been granted this status. No technical changes are involved.

News:

Alabama:			California:		
Berry	WSFG-LP 15+	requests PC from ch.		KOJA-LP 41-	QG (68), PG 100kw,
Delly	110102110	63; 3kw	110000		36-44-46/119-16-57
Birmingham	W27CM+	QG (28); 1.9kw, 33-	Hesperia	KRCA-1 62z	AF; 8kw, 34-21-
Dimingham	11270111	29-04/86-48-25	· · · · · · · · · · · · · · · · · · ·		08/117-40-27
Talladega	WOIL-LP 47-	Class A status	Indio	KDFX-LP 33-	QG (40), 50kw, 33-
Tanaucga	WOID-DI 47	Class / L Status	11010		52-01/116-26-02
Alaska:			Long Beach	KSCI 18-	req. PC
Anchorage	KYEX-LP 18n	OC to ch. 16	Long Deach	ALUCI IU	2586kw/898.3m, 34-
, monorago	10.1.20.1.20.1	dismissed	and the second		12-50/118-03-40
Anchorage	KDMD 33z	PC> 56.4kw/-98m,	Merced	KMPH-LP 17	Class A status; PC>
		61-09-53/149-41-05			2.1kw
Fairbanks	KFXF 7	FC; add UPN	O'Neals	K38GM	OG (66)
Fairbanks	KTVF 11	FC; drop UPN	Ontario	KHSC 46	FC to Univision?
Fairbanks	KFXF-DT 22	NS; 1kw/214m, 64-	Porterville	KKAK-LP 20	Class A status
		55-20/147-42-55	Riverside	KRCA-DT 68	NS; 1000kw/907m,
Palmer	K12OW	QC (unknown)	and the same		34-12-50/118-03-40
			Sacramento	K22FR+	QC (21), 11kw, 38-
Arizona:			Davidanomo		40-21/121-19-55
Flagstaff	KZZA-LP 6	Class A status	Salinas	K15CU	LC (unknown)
Green Valley	KPCE-LP 29	CC; ex K29CO	San Diego	KBOP-LP 25	CC: ex K25DU
Phoenix	K24EI 42-	requests QC, 5kw	San Diego	KSDX-LP 29	OC (unknown)
Tucson	K57BD 68-	req. QC, 2.3kw	San Mateo	KCSM-TV 60	PG> 4470kw/381.2m
			Santa Barbara	KKFX-LP 24	Class A status
Arkansas:			Santa Barbara	K46GC-	QG (66); 15.3kw, 34-
Batesville	K54GTz	QC (12); 1kw, 35-17-			27-57/119-40-38
		29/91-40-24	Tulare	KFRE-LP 27	Class A status
Bentonville	K14IT	Class A status	Ukiah	K19EVz	QG (23); 1kw
Eureka Sprs.	KNJE-LP 58	QC (34) 41.2kw, 36-			
		44-54/93-39-33	Colorado:		
Fayetteville	K36EA	Class A status	Carbondale	K38FO	QC (22)
Nashville	KJEP-CA 23	CC; ex KJEP-LP	Cortez	K39EY	LC for QC from ch.
Pine Bluff	KWBK-LP 36z				62; 0.11kw
		0.89kw, 34-09-56/91-	Denver	KCEC-DT 51	NS, but later
		50-27			rescinded.
Winslow	K09XE	Class A status	Denver	KSBS-LP 67	sold to Telemundo
			Durango	KBEH 33	NO but expected
California:	*************	0C from ab 22			early this year.
Bakersfield	KJOI-LP 34+	req. QC from ch. 33			Telemundo //
Bakersfield	K65EY	FC; sold to TV Azteca			K T E L - L P
Calexico	K22FJ	QC from 18/36?			Albuquerque.
Calipatria	KAJB 54	PG< 428m, 33-03-	Estes Park	KMAS-LP 3	sold to Telemundo
	**************************************	02/114-49-38	Glenwood Sps.	K42EV	QC (65); 1.23kw
Cathedral C.	KPSP-LP 38+	req. QC from ch. 58, PC< 9kw. 33-51-	i icasain vancy	K47CR	req. QC to ch. 30n
			Pueblo	KTSC 8z	PG< 240kw/715m,
		56/116-25-58; Class A status			XG 38-44-43/104-51-
Caslina	VEACUL	OG (48)		***	41
Coalinga	K54GU+ KVYE 7+		Pueblo	K34FB	sold to Telemundo
El Centro	RVIE /	PG; 316kw/444m, 33-03-02/114-49-38	Steamboat Sps.	KMAS-TV 24	sold to Telemundo
		00 00 02/11 00			4.0

Connecticut:			Idaho:		
Allington	W28AJ	m o d i f i c a t i o n application dismissed		KSVT-LP 20 KIVI 6z	Class A status PG 56kw/856m, XC
Hartford	WUVN 18	CC; ex WHCT. FC	•		43-45-21/116-05-54
		to Univision.	Rexburg	K67HA	req. QC to 47+
New Haven	WBNE 59	FC to UPN; CC to		K68FM	req. QC to 39+
Waterbury	WTXX 20	WCTX. FC to WB	St. Maries	K69CN	LC (QC from 54)
		I C to W B	Illinois:		
District of Col			Aurora	WEHS 60	FC to Univision?
Washington	WHUT-TV 32	PG 1450kw/267m,	Palatine	W36AO 68-	req. QC, PC> 12.6k
		38-57-00/77-04-49	Rockford	W08CM	Class A status
Washington	WDCA-DT 35	NS; 760kw/274m, 38-57-01/77-04-49	Rockford Springfield	WCFC-LP 51 WCFN 49	Class A status req. PC
		00 07 01/17 04 47	Spi ingricia	WC11(4)	1750kw/190.5m
Florida:					
Daytona Beach	WVEN-TV 26	CC; ex WNTO. FC to Univision.	Indiana: Elkhart	W18CF-	QC (67), PC 2kw
Hollywood	WAMI 69	FC to Univision?	Indianapolis	WKOG-LP 31	req. PC> 55kw, X
Kissimmee	WTMO-LP 40	Class A status	moranapons	WROO-LI JI	39-46-01/86-07-29
Miami	WBZL-DT 19	NS; 145kw/252m,	Kokomo	WKGK-LP 48	LC for PG< 11.9k
		25-58-07/80-13-20	KOKOMO	WRUK-LI 40	& XG 40-26-58/86
Miami	W21AX	Class A status			04-57
Oldsmar	W48AY	Class A status	Lafayette	W57DC+	QC (36), PC 15kw
Orlando	WTWD-LP 16-	QC (62), 4.42kw, 28-			
		27-52/81-27-39	Iowa:		
Orlando	WRCF-LP 29	QC (27), 5kw, 28-32-25/81-22-46; CC	Davenport	WBQD-LP 65	CC; ex K65GF. F to WB?
		from W29CL	Marshalltown	KDAO-LP 45	QC (unk., 39?)
Palatka	WJGV-LP 48-	QC (49), 21.6kw	Kentucky:		
St. Augustine	W22AN	Class A status	Bowling Green	WDVO 12-	WC 27 02
Stuart	WTCN-LP 15	Class A status	bowning Green	W BKU 132	req. XG 37-03
Tallahassee	new-24	PG> 252m	Commballerilla	WDELTW 24	49/86-26-07
Tampa	WBHS 50	FC to Univision?	Campbellsville	WBKI-TV 34-	LC for PG>
Tampa	WRMD-LP 51+	req. QC from ch. 57, PC 14.9kw			5000kw/387m, XG 37-31-51/85-26-45
Tampa	WBHS-DT 47	NS; 200kw/443m,	Louisville	W24BW	req. XC 38-21-55/85 50-24
Venice	WDCW (2	27-50-32/82-15-46	Louisville	W50CI	QC (49)
venice	WBSV 62	SI temporarily for power increase. To	Paducah	WQWQ-LP 9-	QC (67), 3kw
		be Univision?	Louisiana:		
Vero Beach	W57DMz	QC (69), 2kw	Baton Rouge	KANC-LP 21z	PG> 42.3kw, XG 30
Georgia:					27-03/91-07-54
Athens	WHOT-TV 34	FC to Univision?	Jennings	K13VG	Class A status
Atlanta	WAGA 5-	LC for PC> 328m, 33-47-51/84-20-02	Lafayette	KLFY 10z	PC> 316kw/527m 30-19-19/92-16-59
Augusta	WBPI-LP 49	Class A status			about 6mi. east of ol
Bainbridge	WTLH 49	FC; drop UPN			location
Brunswick	WBSG 21	FC; sold to Pax	New Orleans	WWL-TV 4	PG (unknown)
Thomasville	WCTV-DT 46	AF; 1000kw/566m,	Opelousas	KDCG-LP 22	FC; Pax
	11/10/17 1 10 00	30-40-13/83-56-26	Maryland:		
Valdosta	WBVJ-LP 35+	LC for QC from ch. 53, 0.44kw, 30-50-	Frederick	W52AS 31z	req. QC
		30/83-18-26			
			Massachusetts:	SECRES IN COST CO	ECA IIII
Hawaii:			Marlborough	WHUB-TV 66	FC to Univision?
	KIKU-DT 19	NS; 46.78kw/606m,	Marlborough	WHUB-TV 66	FC to Univision?
	KIKU-DT 19		Marlborough Michigan:		
Honolulu	KIKU-DT 19 KWOG 44	NS; 46.78kw/606m,	Marlborough	WHUB-TV 66 W27CJz	QC (59), PC< 1.5kw
Honolulu Honolulu		NS; 46.78kw/606m, 21-23-51/158-06-01	Marlborough Michigan:		QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42
Honolulu Honolulu Honolulu	KWOG 44	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN	Marlborough Michigan: Ann Arbor	W27CJz	QC (59), PC< 1.5kw 42-16-41/83-44-32
Honolulu Honolulu Honolulu Idaho:	KWOG 44	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE	Marlborough Michigan: Ann Arbor	W27CJz	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw
Honolulu Honolulu Honolulu Idaho: Boise	KWOG 44 K50AP K35GE+	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25	Marlborough Michigan: Ann Arbor Detroit	W27CJz WTVS-DT 43	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20,
Honolulu Honolulu Honolulu Idaho: Boise	KWOG 44 K50AP K35GE+ K56FQ	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE	Marlborough Michigan: Ann Arbor Detroit	W27CJz WTVS-DT 43	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw
Hawail: Honolulu Honolulu Honolulu Idaho: Boise	KWOG 44 K50AP K35GE+ K56FQ K60FH	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant	W27CJz WTVS-DT 43 WOHO-LP 33+	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford
Honolulu Honolulu Honolulu Idaho: Boise Boise	KWOG 44 K50AP K35GE+ K56FQ K60FH K64EJ	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25 NW, testing	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant Minnesota:	W27CJz WTVS-DT 43 W0HO-LP 33+	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford PG< 2.5kw
Honolulu Honolulu Honolulu Idaho: Boise	KWOG 44 K50AP K35GE+ K56FQ K60FH	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25 NW, testing LC for PG> 162kw/805m. FC;	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant	W27CJz WTVS-DT 43 WOHO-LP 33+	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford PG< 2.5kw
Honolulu Honolulu Honolulu Idaho: Boise Boise Caldwell	KWOG 44 K50AP K35GE+ K56FQ K60FH K64EJ KNIN-TV 9	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25 NW, testing LC for PG> 162kw/805m. FC; add Pax.	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant Minnesota: Willmar	W27CJz WTVS-DT 43 WOHO-LP 33+ W32BT K17FA-	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford PG< 2.5kw
Honolulu Honolulu Honolulu Idaho: Boise Boise Caldwell	KWOG 44 K50AP K35GE+ K56FQ K60FH K64EJ KNIN-TV 9	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25 NW, testing LC for PG> 162kw/805m. FC; add Pax. QC (13)	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant Minnesota: Willmar	W27CJz WTVS-DT 43 WOHO-LP 33+ W32BT K17FA-	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford PG< 2.5kw
Honolulu Honolulu Honolulu Idaho: Boise Boise Caldwell	KWOG 44 K50AP K35GE+ K56FQ K60FH K64EJ KNIN-TV 9	NS; 46.78kw/606m, 21-23-51/158-06-01 CC; ex KWBN DE QC (66), 25.6kw, 43- 35-28/116-08-25 NW, testing LC for PG> 162kw/805m. FC; add Pax.	Marlborough Michigan: Ann Arbor Detroit Holland Mt. Pleasant Minnesota: Willmar Willmar	W27CJz WTVS-DT 43 WOHO-LP 33+ W32BT K17FA-	QC (59), PC< 1.5kw 42-16-41/83-44-32 LC 200kw/318m, 42 26-52/83-10-23 QC (59), PC> 10kw 42-48-59/85-57-20, CL from Rockford PG< 2.5kw

Missouri: St. Louis	KDNL-DT 31	NS; 1000kw/336m, 38-34-50/90-19-45	New York: Oneida	W15BR	FC to Cornerstone religion
		·	Smithtown	WHSI 67	FC to Univision?
Montana:	WDDM LD 30	00 (64) 10 (1	Utica	W53AM	req. PC 9.71kw
Bozeman		QC (64), 10.6kw			
Havre	KBBJ 9	NW (unknown)	North Carolina:		
Lewistown	KBAO 13z	NW; 9kw/636.3m, 47- 10-40/109-32-07	Asheville	WHNS 21	m o d i f i c a t i o n application granted
Both of the abov	e are believed to r	elay KTVH 12 Helena,	Boone	WLNN-LP 24	Class A status
NBC.			Chapel Hill	WUNC-DT 59	NS; 893.2kw/448m, 35-51-59/79-10-00
Nebraska: Grand Island	KTVG-DT 19	NS; 1000kw/186m,	Columbia	WUND-DT 20	NS; 543kw/489m, 35-54-00/76-20-45
		40-43-44/98-34-13 FC; add UPN & Pax.	Greenville	WUNK-DT 23	NS; 44.7kw/331m, 35-33-10/77-36-06
Hastings	KHAS-TV 5-	requests PC> 371.8m, 40-36-08/98-50-21	Lenoir Lexington	WTBL-LP 49- WTWB-TV 20z	req. QC (53)
Omaha	KAZO-LP 18	CC; ex K18EC	Lexingion	17 1 17 D-1 7 202	5000kw/553m, 35-
Superior	KSNB 4	FC; add UPN & Pax.		MINISTER AF	52-02/79-49-26
Nevada:			Lumberton	WUNU-DT 25	NS; 113kw/294m,
Las Vegas	KVBC-DT 2	NS; 27.7kw/384m, 36-00-30/115-00-20	Roanoke Rap.	WUNP-DT 39	34-47-50/79-02-42 NS; 57.6kw/338m,
Las Vegas	KINC-DT 16	NS; 1000kw/571m, 35-56-46/115-02-34	Rocky Mount	WRPX-DT 15	36-17-27/77-50-11 NS; 180kw/354m,
Las Vegas	KVWB-DT 22	NS; 630kw/368m, 36-			36-06-11/78-11-29
		00-28/115-00-24	North Dakota:		
New Hampshir	۰۵۰		Grand Forks	KXJC-LP 35+	LC for QC (39), 1kw,
New Hampsnir Durham	e: WENH-DT 57	LC			47-52-33/97-02-56
Nashua	WYCN-LP 13	Class A status	Grand Forks	K49FF	QC (22), 9.2kw, 47-50-43/96-50-22
New Jersey:			Jamestown	KJRR 7	req. XC 46-55-
Atlantic City	W36BJ 60+	req. QC, 2kw, 39-21-40/74-25-05			27/98-46-19
Hammonton	WPSJ-LP 24-	req. QC (8), 5kw	Ohio:		
			Akron	WAOH-LP 29	Class A status
Linden	WNJU 47+		Brecksville	W10CK	reg. QC to ch. 52
		3330kw/407.5m, 40- 44-54/73-59-10	Cleveland	W35AX	req. PC> 18.8kw.
		(from World Trade Center to Empire	Cleveland	WQHS 61	FC to Univision?
Morristown	W44AW 54-	State Building) LC for QC, 0.02kw	Columbus	W13BN	req. modification of CP for ch. 60 to read
Newark	WHSE 68	FC to Univision?			ch. 43- instead.
Trenton	W25AW	Class A status	Dayton	W61DE	QC (68), 3.1kw, 39-
Vineland	WHSP 65	FC to Univision?			43-16/84-15-00
	***************************************		Defiance	WDFM-LP 26	req. modification of CP for ch. 52 to read
New Mexico: Albuquerque	KOAT-DT 21	NS; 280kw/1264m,			ch. 26- instead, 15kw
		35-12-53/106-27-01	Delaware Findlay	WXCB-LP 42 W09CG+	Class A status OC (60), 0.47kw
Albuquerque	K59DB 36z	req. QC, PC>30kw	Marion	WOCB-LP 25-	req. QC from ch.
Angel Fire Artesia	K33FK K46FE	QC (63), PC 3.46kw QC (40)	Walion	WOCD-LI 25	39, 10kw; Class A
Crownpoint	K28GTn	QG (63)	Manue	WEVLID 17	status QC (31), 9.4kw
Gallina	K30FT	QC (63), PC 1.22kw	Masury	WFXI-LP 17+	Class A status
Las Cruces	K16DJ	req. QC (36-), PC 0.9kw	Portsmouth	W66CZz	QC (21), 6kw
Las Cruces	K68FV	req. QC (20-)	Toledo	W22CO+	QC (68), 46kw
Navajo C. S. Thoreau	K43GQ K36FD	QC QC (61), PC 1.22kw,	Oklahoma:		
		35-28-06/108-14-26	Nowata	K25GR	Class A status
T or C	K59CN	requests QC	Oklahoma C.	KOPX-DT 50	NS; 200kw/483m, 35-35-52/97-29-22
New York:			Shawnee	KQOK 30	NW; ACN shopping
Buffalo	W15BH	Class A status	Sulphur	KOKT-LP 36+	QC (20), 37.8kw, 34-
Garden City	WLIW-DT 22	NS; 88.3kw/125m, 40-47-19/73-27-09	Tulsa	KLOT-LP 25z	22-29/97-08-24 LC for PG> 5.06kw
Morris	WBPN-LP 10z	QC (4), PC<10w, XC	Oregon:		
NT NZ 1	WAIVY I D 26	42-03-22/75-56-38	Corvallis	KOAC-TV 7-	req. PC< 357m
New York	WNXY-LP 26-	(27), PG> 25kw, XG	Grants Pass	new 30	FC; sold to religious organization
	WRNN-LP 35+	40-44-50/73-56-38 QG (57)	Portland	KPTV 12	m o dification application granted
Nyack					
Nyack			Portland	KPTV-DT 30	NW

Oregon: Salem	K51IE 57	QC (30)	Texas: McAllen	KSTI-LP 25-	QC (69) (but
Pennsylvania:					Fernando is still
Pittsburgh	WBGN-LP 59	FC mostly shopping w/some children's programming.	McAllen	KSFE-LP 30+	seeing it on ch. 69) req. modification of CP from ch. 21z to ch. 30, 14.6kw, 26-
Scranton	WVIA-DT 41	NS; 200kw/487m, 41-10-55/75-52-17.	***		15-19/98-09-41
Willow Grove	WELL-LP 8	Expected on by 1/1/2001. FC; sold to religious	Cedar City	KCSG-DT 14	NS; 1000kw/819m; 37-32-29/113-04-04
		organization	Manti	K25GSn	QC from ch. 24n; PC> 0.46kw
South Carolina			Ogden	KULX-LP 51	CC; ex KTLE-LP
Charleston	W12CWz	QC (60), 2kw	Tooele	K20ER 63	req. PC
South Dakota:			Virginia:		
Sioux Falls	K42CC	sold to new st. KAUN 36	Hampton	WVEC-DT 41	NS; 1000kw/344m, 36-49-00/76-28-06
Sioux Falls	KBNW-LP 44	sold to new st. KAUN 36	Marion	WMSY-DT 42	NS; 100kw/448m, 36-54-07/81-32-32
Sioux Falls	K56GF+	QC (66), 10.1kw	Norfolk	WNLO-LP 45	CC; ex W45BG
Tennessee:			Norton	WSBN-DT 32	NS; 100kw/591m, 36-53-53/82-37-21
Dyersburg	WDYR-LP 33	FC; sold to WTCT 27,(IL) TBN/relig.	Roanoke	WBRA-DT 3	NS; 7.25kw/627m, 37-11-46/80-09-18
Knoxville	WEZK-LP 28z	- ' '	331374		
Memphis	WPXX-DT 51	NS; 1000kw/298m, 35-12-41/89-48-54	Washington: Bellevue	KWBN 51	CC; ex KBEH
Nashville	WGAP-LP 26-	QC (68), 11.9kw	Kennewick	K57HF 29-	req. QC. FC. Telemundo.
Texas:			Yakima	K02PN+	QC (52), 0.8kw
Alvin Amarillo	KHSH 67 K22FP+	FC to Univision?	Yakima	K60EB 39-	req. QC
Amarmo	K22FF*	LC for QC from ch. 48, 12.9kw, 35-12-26/101-50-20		KCYU-LP 41n K17CJ 43	QC (68) req. PC
Carrizo Sprs.	KSPG-LP 11	QC	West Virginia:		
Corpus Christi	K41FO-	LC for QC from ch. 22; 12.1kw. Seen by		WLFB 40-	LC; 3160kw/391m, 37-13-08/81-15-39
		Fernando on new channel.	Parkersburg	W45BWz	QC (39), 16.5kw
Dallas	KDFI 27	CC; ex KDFI-TV	Wisconsin:		
Dallas	KXTX-DT 40	NS; 1000kw/494m,	Fence Fond du Lac	W45CD	QC
Dallas	K19DW 44z	32-35-07/96-58-06 LC for QC, 20kw, 32-46-48/96-48-14	rond du Lac	WMMF 68	NW; testing w/bars. Possibly to be FamilyNet?
Dallas	KDTX 58z	XC 32-35-21/96-58-	Menomonie Park Falls	WHWC-DT 27 WLFF-DT 47	~
Greenville	KNOK-LP 43+	LC for QC from ch. 53; FC to Spanish			45-56-43/90-16-28
Houston	KHMV-LP 28	religion QC from ch. 56; FC to relay KAZH 57,		CJNT-TV 62z	FC to ethnic &
Irving	KSTR-TV 49z	independent. req. PC>519.3m,			independent. (from all ethnic)
8		XC 32-32-35/96-57- 32; already requests			
		LC for same. FC to Univision?			

There are some major changes in the works at various wireless-cable operations. Due to serious problems with my database, (enormous numbers of missing stations) I'm finding them very difficult to sort out; if this column was to appear in time, there would not be time to present the details. Just be aware that if you live anywhere near any of the following cities, there may be some major LPTV changes in your area soon:

Batesville & El Dorado, AR: Eureka, CA; Boise, ID; Talbert, KY; Alexandria, LA; Bangor, ME; Traverse City, Pinconning, & Sault Ste. Marie, MI; Cape Girardeau & Joplin, MO; Meridian & Grenada, MS; Columbus, NE; Acton & Jackson, TN; Whiting, WI

[&]quot;Near" could be as far as 300 miles!, one of the Columbus, Nebraska wireless-cable LPTVs has applied to move to Scottsbluff on the other end of the state... I hope to have this all sorted out by February.

Comments about the new format would be appreciated. I'm hoping to achieve greater consistency with FM News, and to save a bit of space as we see more and more DTV activity.

Forum & Other Stuff

Thanks to Keith Smith, Fernando Garcia, Chip Kelley, Danny Oglethorpe, Mike Bugaj, Bob Seaman, John Broomall, Bill Hepburn, and Mike Reid (via Saul Chernos) for information in this month's column.

The Home Shopping Club owned-and-operated stations have been sold to Univision and are expected to flip to that Spanish-language network in the near future. No word yet on what will happen in the many markets that already have both a HSC and Univision station. I think I got them all noted above. Not much action in Canada this month.

If you live in the deep South, Guatemalan DX is within the realm of possibility. And now that we have members in Puerto Rico and Cuba, DX from Colombia is within their range. Bill Hepburn has found the official station databases for these two countries on the Internet. For Guatemala, look at http://espectro.sit.gtm.tripod.com/inventario/inventario.html ; for Colombia, the URL is http://www.mincomunicaciones.gov.co , look under Planes Tecnicos de Radiodifusion.

Russ Edmonds posted news from the "phillyradio.com" website indicating WWSI 62 Atlantic City, NJ is building its tower. The tower will be just under 1,000', the tallest broadcast tower in the state. (which I didn't believe until I looked it up...) The site is between Manahawkin and Atlantic City, right on the coast.

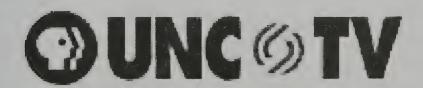


The FCC periodically releases broadcast station totals. I've never seen this release in the VUD, and thought members might find it interesting to know just how many stations there are, as of 30 September:

AM Radio FM Translators/Boosters FM Commercial Radio FM Educational Radio Total Radio:	4,685 3,243 5,892 2,140 15,960
Commercial TV: VHF Commercial TV: UHF Educational TV: VHF Educational TV: UHF Total full-power TV:	567 721 125 250 1,663
VHF Translators UHF Translators VHF LPTV UHF LPTV VHF Class A UHF Class A Total low-power TV:	2,113 2,675 610 1,756 (None yet) 13 7,167
Total TV:	8,830



I'm afraid the solar flux took a dive in early December, and I haven't heard any further F2 carriers. Es hasn't come along to take up the slack yet either. But it's still early; I'm still expecting a Christmas gift from Mother Nature... Here's hoping you all had a happy holiday, both with your families and with your DX gear!





EDITOR: GREG CONIGLIO 90 SLATE CREEK DRIVE APT. #3 CHEEKTOWAGA, NEW YORK 14227

> E-MAIL: coniglio@adelphia.net **NEW E-MAIL ADDRESS!!**

WEB: http://www.geocities.com/~wgrc

Most of the information appearing in this column is courtesy of:

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TO

GX: granted replacement of PG: power change granted (">" for increase "<" for

KEY TO ABBREVIATIONS: satellite programming AF: New frequency allocation

accepted for filing for a new FM license

AFA: American Family Association CC: call letter change

CL: city of license change CX: a construction permit has been canceled

C1,C2,etc: a change in status to that FM license class

DA: directional antenna DE: station has been deleted FC: format change

GA: granted amendment to the table of FM allocations

GE: granted extension of construction permit

expired permit cense to cover filed decrease, when known) (means station is ready to QC: frequency change LC: license to cover filed

come on air)

MC: multiple-city legal ID NC: **no change** yet on a reported change/permit

ND: non-directional antenna

NO: not on the air

NS: **new station** granted NW: **new station** signs on OSA: one-step application granted for change

PA: proposed amendment to change FM table of allocation

PC: power change on the air for increase. "<" for decrease, when known) for increase, **'<"** for

occurred

QG: frequency change granted RA: silent station returns to

air RE: station requests extension

permit

RX: station requests replacement expired permit

SG: slogan change or update SI: station is silent

XA: dismissed amendment to FM allocations

XC: transmitter site change occurred

XG: transmitter site change granted



UNITED STATES

ALABAMA:

Gadsden: WSGN 91.5 PC> 6.3 kW (v), 522' DA WAQU 91.1 PG> 21.5 kW, C3, Selma:

XG: 32-24-17 / 87-25-32

ALASKA:

Anchorage: KWHL 106.5 inc. 79', DA *NS Homer: 88.9 250w, 666 ft.

ARIZONA:

Apache Jct: KVVA 107.1 FC to EXL Romantica (&) Buckeye: KMJK 106.9 FC to EXL Romantica (&) Fredonia: *NS 89.5 ? facils

Window Rock: KWRK 96.1 FC to dance-CHR, WW1 rhythmic oldies overnights (&)

ARKANSAS:

El Dorado: *NS 88.9 26 kW (v), 121', DA El Dorado: KMLK 101.5 NW urban AC (&) KOCY 105.3 FC to classic cntry (&) Marked Tree: KJBR 93.7 FC to classic country (&) // KOCY 105.3 (Jonesboro)

CALIFORNIA:

King City: KBAP 91.3 PG< 300w(v), 75 ft, DA, XG: 36-16-22 / 121-05-02 98.3 PG> 4.8 kW, 367 ft.

Lakeport: KXBX XG: 39-02-56 / 122-46-03

California:

Mariposa: KDJK 103.9 adds Bob & Tom Modesto: KHKK 104.1 adds Bob & Tom

Oakdale: KHOP 95.1 FC to 80s hits "Planet 95" Sacramento: KZZO 100.5 adds 80s hits 8pm-12am Santa Ynez: KRAZ 105.9 PG<60w, 3070 ft,

XG: 34-31-52 / 119-59-05 Shafter: KRME 97.7 PC> 6 kW

S.Lake Tahoe: KZZF 102.9 FC to 80s hits "Q102"

COLORADO:

Winsdor: KUAD 99.1 inc. to 836 ft.

CONNECTICUT:

Bridgeport: WEZN 99.9 XC: 41-16-44 / 73-11-08

FLORIDA:

LaBelle: WRQC 92.5 CC (ex WWWD), FC to rock "Real Rock" (Fort Myers)

Madison: WXHT 102.7 RA with dance-CHR "Hot 102.7" (Valdosta, GA)

93.1 XC: 25-58-03 / 80-12-34 Miami: WTMI

GEORGIA:

WPCH 94.9 all Christmas music during Atlanta: Xmas season

Macon: WAYS 105.3 CC (ex WDEN), FC to oldies, move to 105.5 coming too

Macon: WDEN 99.1 CC (ex WAYS), FC to country

Metter: WBMZ 103.7 adds Hero clas. hits (&) Sparta: WJDS 88.7 LC



WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST



MEMBERSHIP ROSTER

UPDATED December 5, 2000

(Considerable effort has been made to assure that the information contained in this list is correct. Please notify Mike Bugaj if you encounter an error.)

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Additions / Corrections



Special Supplement to VHF-UHF DIGEST – January, 2001

FM NEWS PAGE 2

HAWAII:

Pukalani: KMVI 98.3 PG> 10.5 kW, C1, DA, XG: 20-39-36 / 156-21-50

ILLINOIS:

Chicago: WXCD 94.7 FC to 80's "The Zone".

increases to 1538 ft.

DuQuoin: WAWJ 90.1 NW, AFA cont. Christian (&) (Carbondale)

WOXM 106.3 LC Genoa: Macomb: WNLF 95.9 LC

Taylorville: WTIM 97.3 PG< 4.6 kW, 374 ft,

XG: 39-27-08 / 89-17-10

INDIANA:

Boonville: WBNL 107.1 PG< 1.6 kW, 640 ft, DA,

XG: 37-59-13 / 87-16-11

Newburgh: WDKS 106.1 adds Rick Dees

KANSAS:

Baxter Sps: KMOQ 107.1 FC to CHR "Power 107.1" Clay Ctr: KCLY 100.3 PC> 25 kW, C3, 276 ft, XC: 39-29-14 / 77-07-35

Galena: KBGZ 104.3 FC to WW1 rhythmic oldies

(&) (Joplin)

KENTUCKY:

Hopkinsville: WZZP 97.5 NW, classic hits

Louisville: WPTK 103.9 CC (ex WMHX) "The Point" Morehead: WMOR106.1 PG> 19.5 kW, 374 ft.

LOUISIANA:

Bastrop: KAXV 91.9 LC

Morgan City: KBZZ 96.7 CC (ex KFXY), FC to CHR "The Buzz"

MAINE:

Portland: WBLM 102.9 dec. 1427', XC: 43-55-29 / 70-29-29

MASSACHUSETTS:

Woods Hole: WCAI 90.1 LC

MICHIGAN:

Imlay City: *NS 89.1 1.5 kW, 171 ft.

MINNESOTA:

Hermantown: WWAX 92.1 OSA to C3, 5.4 kW,

705', XG: 46-47-41 / 92-07-05

KSKK 94.7 PC> 50 kW, 469 ft,

XC: 46-33-08 / 94-39-03



MISSOURI:

Monroe City: KWBZ 107.5 PC> 5.9 kW, 331 ft, XC: 39-35-12 / 91-47-57

Park Hills: KBGM 91.1 XG: 37-48-04 / 90-33-51

MONTANA:

Dillon: *NS 90.9 850,w, -236 ft.

NEBRASKA:

Crete: KKNB 104.1 FC to top 40 "Kiss FM" Ord: KNLV 103.9 PG> 40 kW, C2, 387 ft.

Henderson: KMZQ 100.5 inc. to 1171', XC: 36-00-30 / 115-00-20

NEW YORK:

Carthage: WTOJ 103.1 PC> 1.8 kW, XC: 43-57-15 / 75-43-45

WENY 92.7 FC to ABC AC // WCBA-FM Elmira:

Glens Falls: WCQL 95.9 PC> 410 w

Jamestown: WUBJ 88.1 XG: 42-10-47 / 79-20-41 Lakewood: WKZA 106.9 NW, hot AC/adult top 40 '106.9 Kiss FM" (Jamestown)

Loudonville: WVCR 88.3 PG> 1350w, 853 ft. Queensbury: WNYQ 105.7 PG<1550w, 1273 ft, XG: 43-25-12 / 73-45-39

Riverhead: WRCN 103.9 PG< 1.4 kW, 485 ft. WRVN 91.9 PG> 1360w. -62 ft. Utica:

NORTH CAROLINA:

Charlotte: WSSS 104.7 FC to 80's based classic hits

Long Beach: WAZO 98.3 LC

Wrightsville Bch: WFXZ 93.7 FC to classic rock "The Bone" (Wilmington)

NORTH DAKOTA:

OHIO:

OKLAHOMA:

Coalgate: KNOR 105.5 NW, classic rock // KTLS

KMMZ 96.9 CC (ex KMKZ) Holdenville: KTLS 106.5 FC to classic rock

Wewoka: KSLE 104.7 FC to ABC hot AC "Planet" (&)

Woodward: KAZY 95.9 NW, rock "KZ 95.9"

OREGON:

Canyon City: KJDY 94.5 XC: 44-17-50 / 119-02-09 Florence: KWVZ 91.7 LC

PENNSYLVANIA:

Central City: WSRA 101.7 stunting with Christmas music

Ephrata: WRTL 90.7 NW, classical and jazz // WRTI 90.1

SOUTH CAROLINA:

Andrews: WGTN 100.7 PG> 6 kW

WOLI 103.9 FC to 80s hits "Star 103" // Easely: WOLT 103.3 (Greenville)

WOLT 103.3 FC to 80s hits "Star 103" // Greer: WOLI 103.9 (Greenville)

Richburg: WRBK 90.3 SG "Oldies 90.3"

SOUTH DAKOTA:

Titusville: WPIO 89.3 PC> 6 kW

TENNESSEE:

Cleveland: WALV 95.3 PC< 1050w, 784 ft, DA Jefferson City: WEZG 99.3 RA with country "I-99" WXVO 106.7 PG<1100w, 751 ft, DA,

XG: 36-07-12 / 83-55-30

Oak Ridge: WNFZ 94.3 XC: 35-53-10 / 84-08-11

TEXAS:

Arlington: KLTY 94.9 CC (ex KWRD), FC to cont. Christian (&) (Dallas)

Big Spring: KBST 95.7 QC from 95.9, PC> 33 kW, XC: 32-13-13 / 101-26-25

Commerce: KEMM 103.3 RA with ESPN Sports (&) late in February (Dallas)

KBFB 97.9 adds Russ Parr Dallas:

Texas:

Dumas: KDDD 95.3 PC> 6.6 kW, 259 ft, XC: 35-51-51 / 101-55-44

Fairfield: KNES 99.1 PG> 11.5 kW, 482 ft. XG: 31-40-55 / 96-01-22

Haltom City: KKMR 93.3 "Merge Radio" moves more towards modern AC, "Cool rock of the 80s, 90s, and today"

Hemphill: KTHP 103.9 NW, JRN clas country (&) Highland Village: KWRD 100.7 CC (ex KLTY), FC to religion (Dallas)

Houston: KTRU 91.7 FC to WRN – variety (&) Overton: KPXI 100.7 FC to religion // KWRD San Antonio: KQXT 101.9 played all Christmas mx KSNY 101.5 OSA to C1, 100 kW, 587 ft, XG: 32-53-29 / 101-06-29

UTAH:

Centerville: KCPX 105.7 FC to rock AC "Classic rock without the hard edge"

Randolph: KWKD 102.3 LC

VERMONT:

Hartford: WWOD 104.3 FC to oldies "Oldies 104" Warren: WDEV 96.1 PC>140w, 2296 ft. XC: 44-07-37 / 72-55-43

VIRGINIA:

Goochland: WZEZ 100.5 FC to Christmas Music (new format coming (Richmond)

WASHINGTON:

91.3 PG>8.2 kW, 213 ft, DA, Bellevue: KBCS XG: 47-35-09 / 122-08-43

Spokane: KEZE 96.9 PC> 8.2 kW, C2, DA,

XC: 47-43-33 / 117-10-06

WEST VIRGINIA:

Point Pleasant: WPCN 88.1 NW, so. Gospel "Joy"

WISCONSIN:

Brookfield: WFMR 106.9 CC (ex WJMR), FC to classical (Milwaukee)

Kaukauna: WPCK 104.9 dec. to 462 ft.

Menomonee Falls: WJMR 98.3 CC (ex WFMR), FC to rhythmic oldies (Milwaukee)

Sheboygan Falls: WWJR 106.5 FC to hot AC



CANADA

ALBERTA:

Lethbridge: *NS 97.1 50w, Christian format

NEW BRUNSWICK:

Woodstock: CJCJ 920 wants 104.1, 10 kW

NOVA SCOTIA:

Truro: CKCL 600 wants 99.5, 14.3 kW

ONTARIO:

Bancroft: CJNH 1240 wants 97.7, 50 kW Sault Ste Marie: *NS 89.5 50w TIS wanted Thunder Bay: *NS 99.9 37w, to be oldies Timmins: CKGB 750 wants 99.3, 40 kW

QUÉBEC:

Charlesbourg: *NS 88.7 wants 50w community Christian format in French

Charlesbourg: *NS 103.7 20w app for French community station

PY NEW YEAR!!

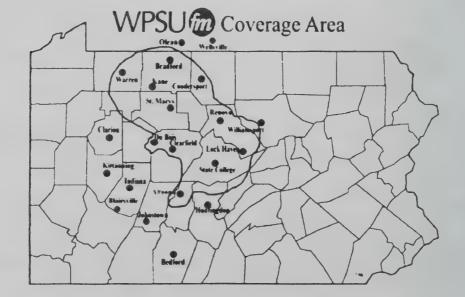
State College and Central Pennsylvania at

Altoona/Hollidaysburg area at 106.7 FM

Treasure Lake area at 95.1 FM

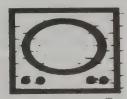
Northern Pennsylvania at 90.1 FM

Bradford at 100.9 FM Clearfield at 104.7 FM





WTFDA



QSL CORNER/LOGOS RUN





Send by mail at:

Thomas J. Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222-2345

- E-Mail at:
- KA3TCC@EROLS.
 COM (attachments)
- KA3TCC@JUNO.
 COM (text only)

Here you go, a much late column.
Send in anything!
I can now scan your own typing, and use it real fast. I'm all out of QSL items, send anything!
73.s Tom

From Bruce F. Elving, 241 Anderson Road, Esko MN 55733-9413

MS Forest WMBU *89.1--came through with both an e-mail and a postal service verification. Both were from Denny Goodwin, D.Min. His e-mail (dennygwin@juno.com) mentioned hearing from people in LA and TX, but not MN! He is a ham and mentioned the sunspot cycle making for interesting contacts. It is a Moody owned and operated station, but is local, live with much of its programming. He promised to look at my website (users and com/fmatlas). The written QSL consisted of his writing, on the station's program guide, "Confirming your reception of WMBU-FM 7-21-00, J.D.G." Postal address is WMBU, PO Box 400, Lake MS-39092.

Here's another from Scott Solberg, account rep-announcer on Z-97, KNBZ 97.7 Redfield-Aberdeen SD (PO Box 306, Aberdeen SD 57402-0306):

"We were just as excited to hear from you, regarding the reception of our station. . . Our engineer was glad the reception was good, our office manager was glad the ads ran as scheduled and our program director was just glad we were on the air! . . This IS the furthest distance we are aware of for reception of our station." Mentioned it is on 24 hours, 7 days a week, with most of the programs coming from ABC in Dallas, "but we are live and local Monday through Friday from 6 a.m. to 10 a.m. . . I hope we come in again for you!" Is owned with other local FM stations: KGtM-FM 103.7, KBWS 102.9.

KEPI *88.7 and KEPX *89.5 Eagle Pass TX verified in one letter to my one-letter report of reception of the two co-owned stations. KEPI is in English and KEPX *89.5 Spanish, even for its hourly fD. Gary Lawson, engineer and interim manager KEPX/KEPI at PO Box 873, Eagle Pass TX 78853, mentioned its ownership ties to HCJB short-wave Quito, Ecuador. He found my letter an "encouragement" and it comes from "the longest distance anyone has reported hearing either of the Eagle Pass stations." He sent a copy of my letter to Stan Swanson at KBNL Laredo, who answered and said he is still in radio engineering at the age of 72. Swanson is a long-time subscriber to the "FM Atlas." He is responsible for putting on many of the World Radio Network/HCJB FM stations along the Texas-Mexican border.



MS Forest WMBU *89.1--came through with both an e-mail and a postal service verification. Both were from Denny Goodwin, D.Min. His e-mail (dennygwin@juno.com) mentioned hearing from people in LA and TX, but not MN! He is a ham and mentioned the sunspot cycle making for interesting contacts. It is a Moody owned and operated station, but is local, live with much of its programming. He promised to look at my website (users.aol.com/fmatlas). The written QSL consisted of his writing, on the station's program guide, "Confirming your reception of WMBU-FM 7-21-00, J.D.G." Postal address is WMBU, PO Box 400, Lake MS 39092.

WFXH-FM 106.1 Hilton Head Island SC. Mike Buxser, vp-chief operating officer, 1 St. Augustine Pl, ZIP 29928, writes: "It's a pretty good hike from Hilton Head Island SC to Esko MN... We've never gotten a listening report from as far away as you are," although he mentions unusual weather causing long distance reception up and down the coast. He describes the tower in Bluffton SC, which holds two other FM station antennas, with WFXH-FM being the lowest.

WRPS *88.3 Rockland MA. With both WFXH-FM and WRPS I went to web sites and copied their logos or, in the case of WRPS, used a picture of the building with their studios. Those pictures or logos I put at the top of my letter to them and on the envelope.

WIUW *89.5 WARSAW IL Subj: Re: I heard WIUW in the Duluth MN area!

Date: 9/1/00 11:51:32 Central Daylight Time From: Dorie_Vallillo@ccmail.wiu.edu
Sender: Dorie_Vallillo@ccmail.wiu.edu Reply-to: Dorie_Vallillo@ccmail.wiu.edu
To: FmAtlas@aol.com (Bruce F. Elving, 241 Anderson Road, Esko MN 55733-9413)

Dear Bruce: Your email made our day here at WIUM/WIUW. Thanks for taking the time to let Us know you heard us. WWKS 91.3 is actually WIUM (WWKS being our former call letters, but not since the 1960's, I believe). Cheers! Dorie Vallillo General Manager

Marvin Sanders, g.m., WATU *89.3 Port Gibson MS replied to my reception report. He is at PO Drawer 3206 Tupelo MS 38803.

I mentioned hearing the WATU calls on the hour plus underwriting announcements for Tuscaloosa, after the news five minutes later, which is out of the WATU area. He says: "Since we are a network, it took me some time to track down the possibilities here. The Tuscaloosa station is licensed to Carrollton AL, and is at 89.3. WATU is automated. . . When we are having problems with the automation, we sometimes ID the station to keep us legal from network headquarters. When that happens our other stations should be broken away doing their own ID. It is conceivable that our Carrollton station, WALN, did not break away, in which case you would hear the network feed. It is possible, too, as you suggest, that you heard both stations. . . I have forwarded your letter to our engineers, since I can't tell an antenna from a tuning fork." So you might call it a "sort-of" verification. [Actually, I list WALN as Parrish AL, 89.1, which I believe it has a construction permit for. But as Marvin says, WALN is still 89.3 Carrollton AL.] KARZ 107.5 Marshall MN verified. G.M. Brad Strootman, wrote. He is at PO Box 61, ZIP 56258. He says mine is the first written and confirmed report they have received, but have gotten some phone calls from listeners out of the area. Mentioned other stations they own locally: KKCK 99.7, KARL 105.1. Sent two tickets to MN's Renaissance Festival near Minneapolis MN, each worth \$15.

"Rock 104," WXRR 104.5 Hattiesburg MS, belatedly verified my report of earlier this summer, with a nice letter. It came from Randy Blakeney, originator, owner, general manager, chief engineer of that station plus a WBNN-FM B95 and WKZW-FM KZ 94, at PO Box 6408 Laurel MS 39441 He thinks my report is the longest distance, and confirms that I did pick up telemetry at 92, "remote control stuff." He says B-95 is the pioneer station that he "gave birth to" in 1985 as a 950-watter, and it increased power to 50 kw in 1989. The other two stations came later. "God has blessed the efforts of these two country boys." He apologized for the delay in answering.

TX Wichita Falls K204CB *88.7 verified by Jeff Luchsinger, at parent station KERA-FM *90.1 Dallas (3000 Harry Hines Blvd, ZIP 75201). He thinks I may be the most distant person to tune in the Wichita Falls translator, which has 250 watts. I commented on them having a stereo signal but monophonic programming, and Luchsinger mentioned when they do have music--an AAA music show Saturday and Sunday nights from 8 to 10. He says KERA-FM has been heard (on 90.1) by a person in the Los Angeles area a year or so ago.

From Dave Allen:

WTHR Indianapolis, Indiana. Channel 13. Full data verification letter on WTHR letterhead, signed by Al Grossniklaus, Director of Engineering and Operations. Received in 5 days for a reception report and first class starnp (used for return postage). Station address: 1000 North Meridian St., Indianapolis, Indiana 46204.

WITI Milwaukee, Wisconsin. Channel 6. Full data verification letter on WITI letterhead, signed by John J. Baich, Vice-President of Engineering and Operations. Received in 14 days for a reception report and a first class stamp (used for return postage). Station address: 9001 North Green Bay Road., Milwaukee, Wisconsin 53209-1297.

WVTV Milwaukee, Wisconsin. Channel 18. Partial data verification letter on WVTV letterhead and business card, signed by Tom Leidolf, Chief Engineer. Received in 12 days for a reception report and first class starnp. Station address: 4041 North 35th Street., Milwaukee, Wisconsin 53216.

WMVS Milwaukee, Wisconsin. Channel 10. Personal letter on original reception report and business card, signed by David Felland, Director of Engineering. Received in I I days for a reception report and first class stainp. Station address: 1036 North 8th Street., Milwaukee, Wisconsin 53233.

WWMT Kalamazoo, Michigan. Channel 3. Friendly verification letter on WWMT letterhead, signed by Jim Steffey, Chief Engineer. Received in 17 days for a reception report and a first class stamp. Station address: 590 West Maple Street., Kalamazoo, Michigan 49008.

WLNS Lansing, Michigan. Channel 6. Friendly verification letter on WLNS letterhead, signed by Mike Holcomb, Chief Engineer. Received in 20 days for a reception report and a first class stamp. Station address: 2820 East Saginaw Street., Lansing, Michigan 48912.

WREX Rockford, Illinois. Channel 13. Friendly verification letter on V,REX letterhead, signed by Gerald Meinders, Chief Engineer. Received in 19 days for a reception report and a first class stamp. Station address: 10322 Auburn Road., Rockford, Illinois 61103.

KACB San Angelo, Texas. Channel 3. Verification letter on KACB letterhead and copies of station logs, signed by Ed Huwa, Chief Engineer. Received in 29 days for a reception report, first class priority mail stamp and VHS tape of KACB transmission (tape returned). Station address: 2802 Southwest Boulevard., San Angelo, Texas 76904.

WDJT Milwaukee, Wisconsin. Channel 58. Verification letter on WDJT letterhead, signed by Jim Hall, Station Manager. Received in IO days for a reception report, photos of WDJT transmission and a first class stamp (used for return postage). Station address: 809 South 60th Street., Milwaukee, Wisconsin 53214.

WFIE Evansville, Indiana. Channel 14. Friendly full data verification letter on a WFIE letterhead and WFIE-TV 14 coffee mug, signed by Kirk A. Williams, Director of Programming and Operations. Received in 6 days for a verification letter, photos of WFIE transmission and a first class stamp. Station address: 11 15 Mt. Auburn Road., Evansville, Indiana 47701.

WRSP Springfield, Illinois. Channel 27. Friendly verification letter on WSRPIWCCU letterhead, signed by William W. Harper, Vice-President and General Manager. Received in 6 days for a reception report, photos of WRSP transmission (returned) and a first class stamp (returned). Station address: 3003 Old Rochester Road., Springfield, Illinois 62703

WBAY Green Bay, Wisconsin. Channel 2. Friendly verification letter on WBAY letterhead, signed by Art Williams, Chief Engineer. Received in 5 days for a reception report and first class stamp (used for return postage). Station address: 11 5 South Jefferson Street, Green Bay, WI 54301.

KENW Portales, New Mexico. Channel 3. Friendly M data verification letter and business card, signed by Rick Counts, Chief Engineer. Received in 20 days for a reception report and first class stamp (used for return postage). Station address: Eastern New Mexico University., 52 Broadcast Center., Portales, NM 88130.

KATC Lafayette, Louisiana. Channel 3. Friendly verification letter on KATC letterhead, signed by Patrick O'Brien, Chief Engineer. Received in 12 days for a reception report, photo of KATC transmission and a first class stamp. Station address: II 03 Estate Landry Road., Lafayette, LA 70506. KBTX Bryan, Texas. Channel 3. Friendly verification letter on KBTX letterhead, signed by Jon Bemett, Chief Engineer. Received in 37 days for a reception report (returned), photos of KTBX transmission (returned) and a first class stamp. Station address: 4141 East 29th Street., Bryan, TX 77802.

... continued on page 33->



A U.S. Television Chronology

(part two)

(Reprinted and edited, with permission, from data assembled by Jeff Miller. This and other historic broadcast-related items can be found at http://members.aol.com/jeff560/jeff.html).

(This timeline of U. S. television broadcasting history is a work in progress. If you can suggest any improvements in this list, please send them to:

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Sept. 11, 1928. First play broadcast by television, "The Queen's Messenger," on W2XAD. Video was on 21.4 meters and sound was on 31.96 meters. Sound was also broadcast over WGY radio. The event was reported on page 1 of the New York Times the next day. (During 1928, Ernest Frederik Werner Alexanderson of General Electric transmitted daily TV tests over W2XAD.)

Sept. 11, 1928. First TV signal in Buffalo, on WMAK in Kenmore.

Late Oct. 1928. W1XAY Lexington MA. (The station was licensed to J. Smith Dodge and C. F. Jenkins. J. Smith Dodge was a former engineer for WNAC and former announcer at WGI. Carl S. Wheeler was also involved in founding the station. Station basically broadcast

WLEX's radio programming. The station remained on the air sporadically until the end of March 1930.

1929. Milton Berle appears in an experimental TV broadcast. Film of the appearance survives.

1929. W2XBS (RCA) begins two-hour daily broadcasts from Van Cortlandt Park.

Mar. 27, 1929. W2XCL Brooklyn NY (Pilot Radio and Tube Corp.) begins operating.

Mar. 30, 1929. Radio Service Bulletin lists these new stations: W9XAO Chicago IL (Nelson Brothers Bond and Mortgage Co.) 2.0-2.1 MHz, 500 watts; W2XCR Jersey City NJ (Jenkins Television Corporation) 2.1-2.2 MHz, 5000 watts; W2XCL Brooklyn NY (Pilot Electric Manufacturing Co.) 2.0-2.1, 2.75 - 2.85 MHz, 250 watts; W2XCO New York (RCA) 2.1-2.2 MHz, 5000 watts; W2XR New York (John V. L. Hogan), 500 watts (visual broadcasting and experimental); W2XCW Schenectady (General Electric) 2.1-2.2 MHz 20,000 watts.

Apr. 30, 1929. Radio Service Bulletin lists these new stations: W1XB Somerville MA (General Industries Co.) 500 watts (experimental and visual broadcasting).

May 11, 1929. The "first regularly scheduled TV broadcasts" begin (one source), three nights per week.

May 31, 1929. Radio Service Bulletin lists these new stations: W9XR Downers Grove IL (Great Lakes Broadcasting Co.) 2.1-2.2, 2.85-2.95 MHz, 5000 watts; W2XCP Allwood NJ (Freed-Eisemann Radio Corp.) 2.0-2.1, 2.85-2.95 MHz, 2000 watts (visual broadcasting and experimental).

June 27, 1929. First public demonstration of color TV, by H. E. Ives and his

colleagues at Bell Telephone Laboratories in New York. The first images are a bouquet of roses and an American flag. A mechanical system was used to transmit 50-line color television images between New York and Washington.

July 1929. WOKO Poughkeepsie NY begins transmitting TV as W2XBU in late July 1929.

July 31, 1929. Radio Service Bulletin lists these new stations: W9XAA Chicago (Chicago Federation of Labor), 6.08, 11.84, 17.78 MHz, 500 watts.

Aug. 31, 1929. Radio World reports WENR radio Chicago receives a license for a 5000 watt TV station (W9XR?).

Sept. 30, 1929. Radio Service Bulletin lists these new stations: W1XAV Boston (Shortwave and Television Laboratory Inc.) 2.1-2.2 MHz, 500 watts; W3XL Bound Brook NJ (RCA Communications Inc.) 2.85-2.95 MHz, 30,000 watts.

Oct. 31, 1929. Radio Service Bulletin lists these new stations: W10XU Airplane (Jenkins Laboratories), 2.0-2.1 MHz, 10 watts; W10XZ Airplane (C. Francis Jenkins), 1.608, 2.325, 3.088, 4.785, 6.335 MHz, 6 watts.

Nov. 30, 1929. Radio Service Bulletin lists these new stations: W9XAP Addison IL (Chicago Daily News), 2.75-2.85 MHz, 5000 watts.

1930. Don Lee's television station opens in Los Angeles.

Jan. 1930. W1XAV Boston.

Mar. 1930. (End of March) W1XAY Lexington MA goes off the air, leaving W1XAV temporarily as the only mechanical TV station in Boston.

Mar. 31, 1930. Radio Service Bulletin lists these new stations: W2XBO Long Island City NY (United Research

Corporation), 2.0-2.1, 2.75-2.85 MHz, 5000 watts; W8XT East Pittsburgh PA (Westinghouse Electric and Manufacturing Co.), 660 kHz, 25,000 watts.

Apr. 30, 1930. Radio Service Bulletin lists these new stations: W2XAP Jersey City NJ (Jenkins Television Corporation), 2.75-2.85 MHz, 250 watts.

May 22, 1930. An audience at Proctor's Theatre in Schenectady becomes the first to see closed-circuit TV projected onto a big screen.

May 31, 1930. Radio Service Bulletin lists these new stations: W10XAL United States (portable) (National Broadcasting Co.), 2.392 MHz, 50 watts; W10XAO United States (portable) (National Broadcasting Co.), 1.584 MHz, 50 watts.

Aug. 20, 1930. The first demonstration of home reception of television, a half-hour broadcast from the Jenkins station, W2XCR in Jersey City, and the DeForest station W2XCD in Passaic. Two sets were available in public places and one in a press suite.

July 30, 1930. NBC opens W2XBS, New York. W2XBS started as an RCA lab rig in Apr. 1928 and was used for big screen theater tests as early as Jan. 1930. In July 1930 it was put in charge of NBC broadcast engineers.

Nov. 1930. W9XAP Chicago (Chicago Daily News) broadcast the senatorial election returns. Press release claimed it was the first time a senatorial race, complete with charts showing the standings of the candidates as the votes were tallied, was ever televised.

Dec. 13, 1930. Radio World lists W1XY Lawrence MA (Pilot).

(This extensive chronicle of the beginnings of television will continue next month here in "TV TIME TUNNEL".)

Eastern TV-DX

January 2001

Matthew C. Sittel 15013 Eureux Circle Bellevue, NE 68123 76255.2171@Compuserve.com Deadline: last day of month

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

Happy new year! I hope this is a banner DX year for all WTFDA members! Let's start with a review of last year's DX from two reporters.

Jim Ayers, 2497 Wind Forest Court, Norcross, GA 30071

Equipment: Panasonic 19" TV, Channel Master Quantum 1110 VHF at 30 ft., Antennacraft P-7 UHF dish with Winegard PA-4975 preamp at 38 ft. (feedpoint), Alliance HD-73 rotor, RG-8 coax, Hi-Q traps.

11/11 tr	0953	3 WLMT-30 TN Memphis 330
0936 KHOG-29 AR Fayetteville	577	heavy CCI to local WPBA
supered ID with KHBS-40	0959	9 KBSI-23 MO Cape Girardeau 38
0938 WPXX-50 TN Memphis	331 1005	5 KVTJ-48 AR Jonesboro 37
0950 WPTY-24 TN Memphis	330 2310	O Tampa, FL 22, 38, 44, 50
over local LPTV		

First opening of note since May. It was a really slow DX year in north Georgia.

Robert Seybold, 1865 W. Main Rd., Silver Creek, NY 14136

Equipment: Zenith 13" color TV, Radio Shack combo antenna, low gain, no amps.

Finally a chance to send in a report. I've been busy with running business but still found chance to observe DX. Will condense major part of season and detail recent loggings only.

E-skip was great all season starting in May with best from late June till mid July with one stretch of 14 days in a row with E-skip with at least 2 days where skip stayed in 24 hours in a row with heavy skip on all channels 2-6, letting up just a little in mid afternoon but never dying completely. These were north-south openings, Canada to Gulf Coast at same time, considerable short range E-skip-Carolinas and Tennessee. Saw Mississippi, Texas, Louisiana stations a lot. Cuba made it couple times. There was E-skip in August, September and October-one very recent E-skip opening into Nebraska and Kansas right in the midst of a good trops opening. Skip was in evening-very strong but short lived.

More recent openings on trops but trops was poor all season until October. Some observed in September but not like other years. Period October 25-November 3 consistent trops into Michigan-Cadillac, Muskegon, Mt. Pleasant, Kalamazoo, grand Rapids, Battle Creek in evening into morning hours. A couple of brief openings into Chicago and Milwaukee but weak and brief. South Bend peaked on two occasions and Fort Wayne and Angola, IN more frequent and consistent. Canadians to west, north and east good through period. Excellent signals out of Detroit, Toledo, Flint, Ann Arbor, Mt. Clemens, Saginaw, not much out of Lansing for some strange reason. Had mystery on Channel 56 with TCT programs parallel to Muskegon 54 both in at once. Signal overrode Detroit (PBS) 56. Almost sure it was Michigan station. Trops season as a whole was really down here-no stuff at all from Central Illinois, no Madison or Green Bay, no St. Louis, only one opening into Kentucky and southern Ohio, no West Virginia, only recent trops saved season. E-skip made up for is though. Hope everyone had great season and has Happy Holidays.

VERVEI

January 2001

Victor Frank 12450 Skyline Blvd. Woodside, CA 94062-4554 e-mail frank@horizon.sri.com (650)851-7031

Dennis Park Smith, 3605 San Remo Drive, Santa Barbara, CA 93105-2523 (805)687-7803

This report is for November 2000. Southern-CA coastal tropo to San Diego/Tijuana up to 200 km/315 km has remained around somewhat, due to somewhat mild weather (not so many storms) and resulting stable periods or air layering, more than usual for this time of year.

Oct 25 am-31: None Cold wx fronts & rain Oct 25-29

Very poor Cooler temps overall Nov 1: Poor Even colder after Nov. 9 Nov 2:

Nov 3: Very poor Nov 4-8 am: None Very poor Nov 8 eve:

Nov 9-18: None Nov 9-10 cold & windy

Nov 19: Very poor, improving. High pressure, stable air layering, though remaining cool.

UHF poor-fair Nov 19 nite.

Nov 20-21: Poor

Nov 22-23: None Cold weather front Nov 24-25: Poor Stable though cool Nov 26-28 am: Fair Some warming

Nov 28 eve: Fair+ Nov 29: Poor Nov 30 am: Very poor Nov 30 nite: Fair

New logging and new local on the air, noted Nov 29:

K08MP Santa Barbara, with the PAX network.

Best of DX to all. **Dennis**

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021-9355

Nove	mber 2	000	CS	Т			
.11tr	0540	WCFT	33	AL			593
		WJSU	40	AL			585
	0545	WRJM	67	AL	Troy		708
	0600	WABM	68	AL			582
	0605	WZDX	54	AL		4	503
	0610	WTTO	21	AL			582
	0625	WIAT	42	AL			582
	0630	WUPA	69	GA			510
	0700	WTCI	45	TN			512
	0710	WAFF	48	AL			503
		WHNT	19	AL			503
	0715	WAAY	31	AL			503
	0745	KARD	14	LA			351
	0835	WMAW	14	MS			645
	0900	WLMT	30	TN		4	451
	1335	KASN	38	AR			537
	1345	KSHV	45	LA			681
	1355	KLRT	16	AR			503
	1630	KXNE	19	NE		4	402
	1800	KYPX	42	AR	Little Rock		503

Saturday November 11 produced the most widespread tropo since January 16, 1995. Tropo was into GA and AL early. Tropo later expanded into MS, LA, AR, and even into NE by evening and was gone

by 1830. Tropo moved from Atlanta to Nebraska throughout the day. Every previous southern opening went from west to east.

Signals fluctuated wildly from snow free to non existent. I watched Abbott and Costello snowfree for an hour on Little Rock 16. Winter tropo is a delight as close-in signals stay unusually weak, allowing distant tropo to propagate. In contrast, local enhancement blocks much of the summer and fall tropo

C/Bs and ID were noted for three hours from Troy, AL-67. The signal was almost snowfree at times. At 708 miles and only 60 miles north of the Florida-Alabama border, it was a heartbreaker. Still no signs of FL tropo after 45 years. Several stations have been logged within 60 miles of the border.

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO tropotvdx@yahoo.com.mx, FTD is furthest tropo of the day.

TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30' CM 8 hav UHF array 60' 1800' ASI

30,CM 8 day UHF array 60 .1800 ASL,						
		same	e mo	nth, only tropo 500+	miles.	
Noven					_	
0600	KXTX	39	TX	Dallas	518	
Noven	nber 6				_	
2200	WNOL	38	LA	New Orleans	694	
Novem	nber 7				_	
1830	KDTX	58	TX	Dallas	518	
November 9						
0630	KVHP	29	LA	Lake Charles	530	
	se	mi-l	ocal	off.		
Noven	nber 10					
2100	WTTA	38	FL	St. Petersburg	1116	
	WBHS	50	FL	Tampa	1116	
	WMOR	32	FL	Lakeland	1135	
	WOPX	56	FL	Melbourne color	1189	
2330	KADN	15	LA	Lafayette	586	
Novem	nber 11					
0000	KLPB	24	LA	Lafayette	567	
2100	WLAE	32	LA	New Orleans	694	
	WPXL	49	LA	New Orleans	688	
	WGNO	26	LA	New Orleans	694	
2130	WPMI	15	AL	Mobile	838	
2200	WHNO	20	LA	New Orleans	688	
2230	KLTL	18	LA	Lake Charles	548	
	WVLA	33	LA	Baton Rouge	633	
2300	WAPT	16	MS	Jackson	754	
2330	WMAH	19	MS	Biloxi	770	
	WBSF	43	FL	Melbourne	1200	

52 FL Cocoa

36 FL Cape Coral

WTGL

November 12

0230 WFTX

1200

Western TV DX F. Garcia's report continues

Day 300 with openings to 1,100 miles since March of 1992, an average of 2.9 days per month. 0400 WEIQ 42 AL Mobile 825

November 26

0830 unid 41 TX? Corpus Christi?

Shopping, America's store, other area lptv's in.

Number of days	with logs	Number of st	tations into lo
AL	2	AL	2
FL	3	FL	7
LA	5	LA	10
MS	2	MS	2
TX	12	TX	2

This month continued with low activity of tropo openings. Pacific Ocean continues producing a great amount of clouds reaching to this and Gulf of Mexico area, also cold fronts are dropping temperatures down into the 40's.

Worst month of the year for logs from Louisiana (530-705 miles range) only 5 days. Also worst month for number of logs of 500+ miles (23) since June of 1994.

This month the good openings of days 10-12 occurred during late night into first hours of next day, by 6 AM it was almost dead, this is contrary to what it usually is.

Eric Bueneman (NOUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 Phone: (314) 839-9751 E-mail: NOUIHEric@aol.com Web site: http://www.qsl.net/n0uih/Index.html

Equipment: Alaron 12-inch (30 cm) black and white TV. Radio Shack VU-210XR with RS Archerotor at 28 feet (8 meters) above ground level. All times CDT/CST, all distances in miles/km.

August 30, 2000 (trop)

2339 WFTC 29 MN Minneapolis/St. Paul "Fox 29" 450/724 2331 KTTC 10 MN Rochester (over WGEM) 380/612 2345 KMWB 23 MN Minneapolis/St. Paul "WB 23" 450/724 2359 KVBM 45 MN Minneapolis/St. Paul) August 31, 2000 (trop)

0005 WHLA 31 WI La Crosse 350/563

Nove	mber 11, 2	000 (trop)		
0654	WBXX 20	TN Cross	ville "WB 20"	355/571
0658	WPXK 54	TN Jellico		375/604
0700	WCFT 33	AL Tuscal	oosa "ABC 33/4	0" 415/668
0710	WAAY	31 AL	Huntsville	350/563
0717	WHNT 19	AL Huntsvi	le "News Channel 1	9* 350/563
0729	WNPX	28 TN	Cookeville	325/523
0737	WAFF	48 AL	Huntsville	350/563
0810	WZDX	54 AL	Huntsville	350/563
0811	WDSI	61 TN	Chattanooga	385/620
0815	WLTZ	38 GA	Columbus	530/853
0816	WIIQ	41 AL	Demopolis APT	455/732
0817	WJSP 28	GA Warm	Springs GPTV	515/829
0826	WHIQ	25 AL	Huntsville	350/563
0827	WJSU	40 AL	Anniston "ABC	33/40"

		(through	h K40FF)	430/692
0830	KSNF	16 MO	Joplin	250/402
0837	WIAT	42 AL	Birmingham	415/668
0855	WPTY	24 TN	Memphis (thro	ough KNLC)
				250/402
0858	WTTO	21 AL	Homewood (n	nixing w/
		unID D	TV snow)	415/668

Some leftover logs from August, which were cut out for space reasons. The big surprise of August 30 was Minneapolis/St. Paul being in for the first time. Starting on FM, it worked it's way up to UHF by 2330, when I noted WFTC-29. KMWB-23 was also noted (with a different logo from the other "WB 23", WBUI Decatur, IL), and KVBM-45 IDed just before going into home shopping at midnight. The only other MN station noted was KTTC-10. WHLA-31 was also noted from La Crosse, WI.

The trop on November 11 was a big surprise. When I noted WBXX-20, I knew that the trop was to the southeast. My first big surprise was receiving a Fox affiliate on 39 other than Rockford; it turned out to be WEMT Greeneville, TN. This is the first time I've received a TV station east of Knoxville via trop! Alabama was present in this opening again; WJSU-40 was noted for the first time in several years, and also added WTTO-21 and WIIQ-41 to my Alabama logs. The opening even got into west central Georgia. Noted WLTZ-38 for the first time since January 1995. and my first GPTV station in WJSP-28. Many of the Alabama and Georgia stations seen were trop regulars when I lived in Woodstock and Marietta, GA (1988-92). WPTY-24 managed to squeak in through local KNLC; the only MO station in outside of St. Louis and Columbia/Jefferson City was KSNF-16.

73, Eric (NOUIH)

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

211 / 001	,								
October 2	2000	CT							
No DX!									
November 2000									
2 tr 07	00 WTJP	60AL	390						
3 tr 07	15 WJSP	28GA GPTV	390						
10 tr 21	22 KLRT	16AR Fox 16	305						
	KATV	7 AR	305						
	KTHV	11AR	305						
22	09 KASN	38AR UPN	270						
22	56 WHDF	15AL "UPN 15," ID	360						
11 tr 09	57 KLRT	16AR	305						
12 tr 23	29 WFSU	11FL	405						
17 tr 18	46 WABW	14GA GPTV	420						
19:	28 WFSU	11FL ID	405						
20	30 WAWS	30FL Fox	565						
	WTEVt	47FL							
20	54 WAWD	58FL "Beach TV", ID	260						

A pathetic, atypical Fall so far. Station total at 558.

Western TV DX

Matthew C. Sittel, 15013 Eureax Circle, Bellevue, NE 68123 76255.2171@Compuserve.com http://ourworld,compuserve.com/homepages/MSittel/beltvdx.htm
Equipment: Winegard PR-9032 UHF antenna at 35', Winegard AP-4700 UHF pre-amp., Winegard PR-5030 VHF antenna at 32', MFC traps for channels 3, 6, 7 and 26.

/ dild					
Nover	nber 10, 20				
1614	KSNF	16	MO	Joplin	287
1619	10/47		MN	Rochester	248
1629	10/21/33		MO		312
1630	KDEB	27	MO	Springfield	314
1820	KWBS	34	AR	Eureka Springs	338
1824	KDOR	17	OK	Bartlesville	317
1824	KOKI		OK	0101010	325
1829	WCFT			Tuscaloosa, 33/40	703
1904	KWBT	19	OK	Muskogee	369
2156	WCOV	20	AL	Montgomery, Fox 20	807
2228	KBSI	23	MO	Cape Girardeau	425
2359	WMPN	29		Jackson, ETV	686
Noven	nber 11,2 0	00	tropo		
0016	WDBD			Jackson, local ad	684
0626	WBXX			Crossville, WB20	714
0632	WPXK			Jellico, PAX	716
0634	WJSU			Anniston, //WCFT	735
0629	WGBC	30	MS	Meridian, 24/30	726
0638	WAAY			Huntsville, ABC	674
0649	WGIQ	43		Louisville, APT	871
0650	WHIQ			Juntsville, //43	675
0658	KMIZ	17	MO	Columbia	240
0703	WLTZ	38	GA	Columbus, NBC	853
0714	WCTE	22	TN	Cookeville	665
0735	WITO			Homewood, WB	726
	(WTTO is	TVI	loggi	ng #500!)	
0758	WHNT			Huntsville, nx	674
0759	WUXP	30	TN	Nashville	595
0806	KDNL	30	MO	St. Louis	344

The most extensive long-haul trops noted since I moved here surprised me on November 10-11. The weather didn't seem conducive for such an event . . . overcast skies and temperatures near freezing with a bit of snow cover! It just goes to show you that you never know exactly what the atmosphere will do! WGIQ is my furthest tropo logging so far here. 73, Matt.

jkadet(, Box 20, Macomb, IL 61455 Following listings abbreviated
2320	KSTP-DT	50	342
	K68BJ		MN Redwood Falls KARE-11
		63	MN KMSP-9 STV
	W64AC	64	MN Redwood Falls KTCA-2
	K69DP	69	MN Granite Falls& 67 MN STV
	K60FY	60	& K65FW MN Frost; 273
	K30FN	30	MN St. James KSTP-5 322
0213;	KTVG	17	(427) & K22CX 22 & K56FC
0244	K15CZ	15	(254) & KLKE 24 NE w/KOMU
0429	K57GY	57	NE Omaha; w/KPTM-42 293
0650	WWRS		(237) + Upper Middle MI
	W66DC	66	WI Waupaca TBN 287
Augus	t 30, 2000		
	Massive si	as f	rom Twin Cities 62 67 69

KSTP-DT 50, WFTC-29 xltrs on 54/68 KMSP-DT 26 no decode due CCI WKOW-DT

		45	MI	Gaylord FOX in color	
2130	K34AF	34	MN	Alexandria KVRR-15	
	K40BR unID	54	MN	Willmar WFTC-29 WFTC-29	392
2158	K62FG	36			392
2205	K66DN	52	MN	Willmar weather	392
	K53FD	53	IA	IA Falls CW ID 1/min	
	t 31, 2000	E 41	2 =	** VE44E2 VEVO 40	
0015 0144	unID unID	54°		ot K54AF? KEYC-12 NNW, vertical bars	
1030	CHCH2	51		London	
1100			ON	London	
	CBEFT		ON	Windsor	
Septer	nber 1, 200 WXYZ-DT		8.41	Datroit	440
	WWJ-DT	44	Mi	Detroit	410 410
TPs fro				1,54 & 51-London (ON	
	Tulsa U's i	inclu			,
Septer	nber 5, 200				
	KPXJ	21	_	Minden PAX	01/
	KLAX	45		Shreveport also AR & Alexandria o/WMBD	
		56	TX		-640
	KKYK	49	AR	El Dorado ACN shop	
	KLTS	24	AR	Shreveport CB TP	567
		22	AR	Little Rock ACN	
	nber 7, 200 WPXJ		NY	DAY	007
0330	W32AR		OH	PAX Lexington TBN	667
0330	WIVT		NY	Lexington 1 DIV	773
0345		-		Marion TBN	396
	WOLF		PA		770
0430	WEWS-D	T 15	OF	H Cleveland	474
0455	(shows a t		that	looks like "WEWS 5.1"	
0600	WCFE		NY		932
				1,42,47,45,51,54,57,6	
	nber 18, 20	00			
	KTTC-DT	36	MN	Rochester b4 IA PBS	264
	r 30, 2000	~			
Landed	up getting	five	vid	eo carriers from New	
Zealand	1, but none	wer	e str	ong enough to hit video wo on 45.24, One on 45	5 25
Two or	.250 was ci	lose lea t). I'	wo on 43.24, One on 4. Australia on 46.171, but	0.20,
weaker		30 1	iau r	rustrana on 40.171, out	a ioi
	ber 10, 200	00			
	WRJM		AL	Troy	615
2230	WNCF	32	AL		610
	WDTA-LP		GA	Atlanta	575
0020	ber 11, 200 KSHV	45	LA		
0020	WDFX	34	AR		682
0031	WABW	14	GA		741
	WDCO		GA		688
				enough for a color pic.	
	WGXA		GA		662
	WTXL WLTZ		FL GA		781
	WXTX		GA		639 639
	WMGT		GA		662
	WPMI		AL		700
	WMPV	21	AL		703
	WALA		AL		700
	KAQY KLAX	<u>11</u> <u>31</u>	LA LA		582
			AR		623 431
		_	TX		800
			TX		800
Novem	ber 15, 200	00			
	WGEM-DT	54	IL	Quincy	50

John Zondlo 4009 Driftwood Circle Yukon, OK 73099 Jpzondlo@aol.com Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

January 2001

Pat Dyer - WA5IYX
5315 Silvertip Dr. - San Antonio, TX 78224-2744
pjdyer3@juno.com - pjdyer@swbell.net
http://home.swbell.net/pjdyer/index.html
http://www.qsl.net/wa5iyx/index.html
CST

1979 Realistic TM-1001 tuner (1990 2 IF mod w/150 kHz filters) into Allied 426 (1972); 1999 Conrad RDS Manager; 52 ohm step-attenuator box used to reduce local intermod/overload when needed; 1977 six element Archer 15-1636A antenna at 20' w/rotor; 1950's (tube) Narco Omnigator used for the navaid (ILS/VOR) loggings.

logg	iigs.			
7/22	Τε			
0548	WCKW	92.3	LA	LaPlace, "The Point" 473
0550	KSMB	94.5	LA	Lafayette, RDS ID 387
0554	KXKC	99.1	LA	New Iberia, area ad 412
0555	KTDY	99.9	LA	Lafayette, ID 412
0557	KUMX	104.1	LA	Houma, "Mix 104.1" 473
7/24	Es			
0533	KXRA	92.3	MN	Alexandria, "KX-92" 1150
0534	KSEZ	97.9	IA	Sioux City, local ad 907
0546	WERN	88.7	WI	Madison, RDS ID 1064
0546	KUSD	69.7	SD	Vermillion, RDS ID 942
0558	KOEL	92.3	IA	Oelwein, ID 986
0600	KQRS	92.5	MN	Golden Valley, area ad 1118
0601	KIAQ	96.9	IA	Clarion, RDS ID 943
0606	WVIK	90.3	IL	Rock Island, ID 949
0609	KTTN	92.3	MO	Trenton, area ad 785
0611	KKMI	93.5	IA	Burlington, area ad 890
	KORB	93.5	IA	Bettendorf, "93-Rock" 955
	WXLP	96.9	IL	Moline, area ad 939
	WHLP	90.3	WI	LaCrosse, ID 1066
0621	KCRR	97.7	IA	Grundy Center, area ad, ID
				944
	WRQT	95.7	WI	LaCrosse, local ad 1059
	KNMO	97.7	MO	
	KKOW	96.9	KS	Pittsburg, RDS ID 584
	XETRA	91.1	BCN	Tijuana, "91-X" 1112
7/25	-			
	XETRA	91.1		Tijuana, ID, "91-X" 1112
	XHITZ	90.3		Tijuana, "Jammin' Z-90" 1112
	KBZT	94.9		San Diego, "K-Best" 1126
	KFMB	100.7	CA	San Diego, "Star 100.7" 1126
1348	KHAY	100.7	CA	Ventura, ID, k 1260

105.1 CA Los Angeles, c 1188

1350 KMZT

ij					
ı	1352	KDB	93.7	CA	Santa Barbara, c, RDS ID 1281
	1352	KCLB	93.7	CA	Coachella, area ad 1078
ı		KLOS	95.5	CA	
ı					
ı		KCBS	93.1	CA	Los Angeles, regional ID 1188
Į		KCMG	92.3	CA	Los Angeles, "Mega 92.3" 1187
ı	1402	KTWV	94.7	CA	Los Angeles, ID, "The Wave"
ı					1187
ľ	1402	KLKA	02.5	CA	
		KLKX	93.5	CA	Rosamond, "The Quake" 1208
ł		KDUC	94.3	CA	
ĺ	1407	KRME	97.7	CA	Shafter, ID 1265
i	1418	KQOL	93.1	NV	Las Vegas, RDS ID 1079
ł		KOMP	92.3	NV	Las Vegas, ID 1079
ı					
ı		KILA	90.5	NV	Las Vegas, town ID 1052
ı	7/26				
i	1729	KMGW	94.5	WY	Casper, "Star 94" RDS ID 1012
ı	1730	KWYY	95.5	WY	Casper, "KWY," area wx 1012
ł		KCSP	90.3	MAN	Casper, "Pilgrim" RDS ID 1012
ı					
		KIGN	97.9		Cheyenne, "King" 881
ı	1742	KFRZ	92.1	WY	Green River, RDS ID 1025
ĺ	1745	KHIH	95.7	CO	Denver, RDS ID 803
ı		KTAG	97.9		Cody, RDS ID 1189
ı					
Į		KTAK	93.9		Riverton, local ad 1058
	1756	KTRZ	93.1		Riverton, RDS ID 1056
ı	1759	KKMG	98.9	CO	Pueblo, "Magic FM" 706
i	1800	KRAI	93.7		Craig, RDS ID 919
Į		KJYE	92.3		Grand Junction, RDS ID 880
i					
ì		KRKS	94.7		Boulder, rel 814
j	1803	KIQZ	92.7	WY	Rawlins, ID 976
	1813	KVRH	92.3	CO	Salida, ID 754
		KSJZ	93.3	ND	
1					
1		KMGJ	93.1	CO	
Į	1822	KMTS	99.1	CO	Glenwood Springs, local ad 855
ĺ	1828	RIL	110.6	CO	Rifle, VOR, Morse tone ID 866
1	1831	SXW	109.2	CO	Eagle, VOR, Morse tone ID 848
Į	1832		108.2		Vernal, VOR, Morse tone and
1	1002	ACL	100.2	01	
ı					voice ID 971
i	1838	IACD	109.7	CO	Grand Junction, ILS, Morse ID
i					873
ı	1901	KBZN	97.9	UT	Ogden, "The Breeze," smooth j
ı	1001	INDEIN	07.0	٠.	1089
ı	4000	141101			
	1903	KUBL	93.3	UT	Salt Lake City, "The Bull," RDS
ı					ID 1089
i	1907	KCPX	105.7	UT	Centerville, ID 1089
ı		KOMP	92.3	NV	·
J					
H		KQOL	93.1		
١	2002		90.5	NV	Las Vegas, ID 1052
ı	7/29				
ı	0946	WKEY	93.5	FL	Key West, local ads 1090
ı		wwus	104.1		Big Pine Key, RDS ID 1108
ı					Key Largo, //107.9 1155
ı		WRAU	106.3		
ı	0959	WFKZ	103.1	FL	Plantation Key, ID, "Sun 103.1"
ı					1149
ı	1000	WCCL	97.7	FL	Punta Rassa, c 1038
ı		WRLA	107.9		Key West, //106.3 1101
ı					Summerland Key, "Pickin"
١	1006	WPIK	102.5	FL	
ı					1099
ı	1007	WIIS	107.1	FL	Key West, "Island 107" 1088
ı	1011	CYY	108.6	FL	Naples, VOR, Morse tone ID
ı					1053
ı	1000	WARO	04.5	EI	Naples, "Arrow 94.5," RDS ID
J	1022	VVARU	94.5	FL	· ·
١					1052
ď					

Southern FM I)X		
Dyer continue		-	Forth and lovel and tolding of
1038 WOLZ	95.3	FL	Fort Myers, local ad, "Oldies 95"
			1042
1041 WINK	96.9	FL	Fort Myers, RDS ID 1041
1045 WHQT	105.1	FL	Coral Gables, "Hot 105," area
			wx 1149
1047 WXKB	103.9		Cape Coral, "B-103.9" 1039
1048 WHPT	102.5	FL	Sarasota, area ads 1001
1050 WCKT	107.1	FL	Lehigh Acres, area ad 1048
1052 WDRR	98.5	FL	San Carlos Park, j 1042
1052 WIRK	107.9		West Palm Beach, ID 1145
1055 WKGR	98.7	FL	Fort Pierce, area ad 1118
1059 WAVW	94.7	FL	Gifford, ID, "Wave Country"
1000 117011	34.1	1 %	1113
1101 WFLZ	93.3	FL	Tampa, RDS ID 996
1102 WMBX			• /
1 102 VVIVIDA	102.3	r.	Jensen Beach, "Mix 102.3"
4404 1110111			1125
1104 WGYL	93.7	FL	Vero Beach, ID 1111
1106 WMTX	100.7		Tampa, "Mix 100.7" 968
1107 WWLL	105.7		Sebring, RDS ID 1051
1110 WFJO	101.5	FL	St. Petersburg, "Low Joe," area
			ads 994
1114 WSSR	95.7	FL	Clearwater, "Star 95.7" 974
1117 WWRM	94.9	FL	Tampa, area PSA 997
1120 WWKA	92.3	FL	Orlando, local ad 1058
1122 WMMO	98.9	FL	Orlando, ID 1041
1126 WTKS	104.1	FL	Cocoa Beach, area ad 1059
1128 WLOQ	103.1	FL	Winter Park, RDS ID 1037
1132 WOMX	105.1	FL	Orlando, "Mix 105.1" 1059
1136 WHTQ		FL	
	96.5		Orlando, local ad 1059
1138 WOGK	93.7	FL	Ocala, local ad 994
1141 WTRS	102.3		Dunnellon, ID 975
1142 WNFB	94.3	FL	Lake City, ID, "Mix 94" 943
1143 WQIK	99.1	FL	Jacksonville, RDS ID 1021
1144 WKQL	96.9	FL	Jacksonville, "Cool 96.9"
4454 141001	404.5	-	1022
1154 WSOL	101.5		Brunswick, area ad 1009
1159 WIXV	95.9	GA	Savannah, "I-95" 1039
1223 WMOQ	92.3	GA	Bostwick, area ad 930
1225 WRFG	89.3	GA	Atlanta, RDS ID 883
1228 WKRR	92.3	NC	Greensboro, local ad 1174
1237 WXRA	94.5	NC	Eden, area ad 1181
1243 WSLC	94.9	VA	Roanoke, RDS ID 1188
1248 <u>WUOT</u>	91.9	TN	Knoxville, ID 963
1251 WXLK	92.3	VA	Roanoke, local ad 1188
- 1253 WPCH	94.9	GA	Atlanta, "Peach" 890
1301 WZZB	93.9	KY	Burnside, ID, "B-93.9" 972
1310 KTJC	92.3	LA	Rayville, area ad, "Cool 92.3"
TOTAL ENTER	02.0		448
1315 WDEF	92.3	TN	Chattanooga, "Sunny 92.3"
	02.0		866
1319 WKGL	97.7	AL	Russellville, "KGL," area ad
			728
1320 WTCD	96.9	MS	Indianola, "Super Talk
11100	00.0		Mississippi" 553
1343 WCRC	95.7	IL	Effingham, ID 877
1403 WCMU	89.5	MI	Mt. Pleasant, RDS ID 1236
1406 WLQI	97.7	IN	Rensselaer, RDS ID 1022
1438 WKLH			
	96.5	WI	Milwaukee, local ad 1110
1558 WOSQ	92.3	WI	Spencer, ID 1152
1701 KJYE	92.3	CO	Grand Junction, RDS ID 880
1704 WRJO	94.5	WI	Eagle River, area ad 1257
1709 KBZN	97.9	UT	Ogden, "The Breeze" 1089
1710 KUBL	93.3	UT	Salt Lake City, state ID 1089
1712 KRAI	93.7	CO	Craig, RDS ID 919
7/30 Es			
0728 WLAV	96.9	MI	Grand Rapids, RDS ID 1182
0729 WKLQ	94.5	MI	Holland, RDS ID 1160
0735 WBEZ	91.5	IL	Chicago, ID 1053
0735 WCMU	89.5	MI	Mt. Pleasant, RDS ID 1236
0735 WLUP	97.9	1L	Chicago, "The Loop" 1054
0741 WONU	89.7	IL	Kankakee, RDS ID 1006

				Sandara Sani
0807	WLHT	95.7	Mi	Grand Rapids, ID 1178
0812	WXLK	92.3	VA 1188	Roanoke, "K-92," area ads
0822	WLJA	93.5	GA	Ellijay, ID 899
0825	WXRA	94.5	NC	Eden, ID 899
0830	WFMX	105.7	NC	Statesville, ID 1128
0944	KCMG	92.3	CA	Los Angeles, "Mega 92.3" 1187
0948	KLOS	95.5	CA	Los Angeles, regional ID 1187
0949	KPFK	90.7	CA	Los Angeles, ID 1188
0953	KCLB	93.7	CA	Coachella, RDS ID 1078
1005	XHITZ	90.3	BCN	Tijuana, area ads 1112
7/31	Es			
1755	WQSL	92.3	NC	Jacksonville, "Q-92" 1280

maramar 2001

An immense July of Es here. Many mornings the intense in-state tropo would mask any fainter Es. The pre-dawn July 24 Es is rare, especially this late in the season. July 5 had 144 Mhz Es 1745-1755 into Ohio. The extremely short skip of July 29 wasn't fully appreciated until I reviewed the tapes and found that Louisiana station in there! At 448 miles that is now the shortest-range Es that I've come across in some 30 years of this.

Brief 2m Es was also noted to Nevada c. 2145 on July 16. As usual, most of the ILS (instrumental landing system) navaid stations are beamed within a few degrees of my azimuth from them (e.g. IRNX Peoria aims at 219 degrees vs my 216 degrees). About 30 minutes after logging CYY on July 29 the power supply for the Narco Omnigator started smoldering, Later checks could find no obvious fault(s), but it hasn't been utilized since then. A Narco Mark-12B was in the process of being made ready as a replacement anyways.

	8/3 E	<u>s</u>			
	1146	CBCL	93.5	ON	London, RDS ID 1334
	1152	CIMX	88.7	ON	Windsor, "89-X" 1235
	1154	WXRA	94.5	NC	Eden, "Carolina Super Station"
					1181
	1158	CIDR	93.9	ON	Windsor, "River" RDS ID 1235
	1614	WSSR	95.7	FL	Clearwater, area ad 974
	1615	WGLF	104.1	FL	Tallahassee, area ad 875
	1628	WLJA	93.5	GA	Ellijay, area nx 899
	1637	WRWA	88.7	AL	Dothan, RDS ID 784
	1638	WTWX	95.9	AL	Guntersville, local ad 796
	1639	WBYZ	94.5	GA	Baxley, ID, "Z-94" 972
	1643	WGST	105.7	GA	Canton, area ad 887
	1646	WIBB	97.9	GA	Fort Valley, ID, "Mid GA Jams"
					904
	1	WOH	93.5	GA	Hazelhurst, local ad 966
		WBBC	93.5	VA	Blackstone, RDS ID 1297
		WNGC	106.1	GA	Toccoa, ID 953
		WKOR	94.9	MS	Columbus, area wx 669
		WMXL	94.5	KY	Lexington, RDS ID 1007
		WSIP	98.9	KY	Paintsville, k, ID 1073
		WYGE	92.3	KY	London, RDS ID 995
		WVAS	90.7	AL	Montgomery, RDS ID 757
		WLIL	93.5	TN	Lenoir City, ID 939
		WXBQ	96.9	TN	Bristol, ID 1067
		WDOD	96.5	TN	Chattanooga, RDS ID 869
ı	1725	WTFM	98.5	TN	Kingsport, ID, area/local ads
l					1067
	1726	WKRR	92.3	NC	Asheboro, area ads 1174

94.3 KY Jenkins, "Foxy 94" RDS ID

1053

1729 WIFX

31

Southern FM I	ŊΥ							January 2001
1731 WKLD		AL	Oneonta, local ad 774	0011	WVPN	90 5	1407	January 2001
1731 WKLD			Cookeville, "Magic 98.5" 890	0911	VVVPN	88.5	VVV	Charleston, "WVPR-CH5" RDS ID 1145
1734 WJNV			Jonesville, ID 1022	0926	IPAH	108.5	KY	Paducah, ILS, Morse tone ID
1742 WTNJ			Mt. Hope, ID 1153					772
1746 WKKT			Statesville, "Kat Country" 1117	0959	KCPI	94.9	MN	Albert Lea, ID, "I-95" 1018
1747 WKSI	98.7	NC	Greensboro, "The Point" RDS		KIAQ	96.9	IA	Clarion, RDS ID 943
47.40 14/004	00.0	00	ID 1176		WRLS	92.3	WI	,
1748 WSPA	98.9	SC	Spartanburg, "Lite Rock," area	1007	KQWC	95.7	łA	Webster City, local phone #
1755 WPEG	97.9	NC	ads 1027 Concord, area ad 1094	1008	KBEW	98.1	MAN	935 Blue Earth, area ad 1010
1759 WCXL	104.1		Kill Devil Hills, "Beach 104.1,"		WEGZ			Washburn, area ad 1257
.,			ID 1400		WIXK	107.1		
1812 IFTY	109.1	GA	Atlanta, ILS, Morse tone ID 881		KQQL			Anoka, "Kool 108" 1131
1815 WLNK			Charlotte, "The Link" 1092		KWNG			Red Wing, area ad 1091
1829 WMIT	106.9	NC	Black Mountain, "Inspirational"	1027	KKCB	105.1	MN	Duluth, "B-105," local ads 1245
			1040		KIOW	107.3		
1831 WRDU			Wilson, "RDU" 1262	1032	WXPT	104.1	MN	St. Louis Park, WCCO promo
1832 WOLI	103.9		Easley, area ad 1007	4025	MALICIA	04.0		1108
1834 WTQR 1835 WFMX			Winston-Salem, ID 1157 Statesville, ID 1128		WJCH	91.9	IL VA/R	Joliet, RDS ID 1007 Iron River, area ad 1240
1839 WEND			Salisbury, area ad 1127	1	WNXR K292EZ			Duluth, KZIO ID 1244
1846 WSLC	94.9		Roanoke, RDS ID 1188		WEVR			River Falls, local ad 1112
1941 WPTM			Roanoke Rapids, area PSA		KZCR			Fergus Falls, RDS ID 1180
			1301		KKEQ			Fosston, "Q-107" 1258
1942 WRSF	105.7	NC	Columbia, area wx 1368	1057	KBPR	90.7		Brainerd, RDS ID in text block
1953 WVEE			Atlanta, town ID 888					1190
1958 WNCT			Greenville, ID 1299		WLSL	93.7		Three Lakes, area ad 1235
2002 WAKG	103.1		Danville, local ad 1217		WTBX	93.9		Hibbing, local/area ads 1273
2008 WNHW 2009 WWOC		NC NC	Nags Head, town ID 1404 Hatteras, "Water Country" 1380	1059	WWJO	98.1	MN	St. Cloud, "98-Cntry" RDS ID 1155
2028 WWXM			Georgetown, "Mix 97.7" 1184	1104	WMFG	106.3	MN	Hibbing, area ads 1274
2032 WSKX			Hinesville, Braves bb 1034	}	KMFY	96.9		Grand Rapids, local ad 1260
2039 WTCJ	105.7		Tell City, cross promo for		KHBT	97.7	IA	Humboldt, area death notices
			"97-X" 897					947
2041 WGZB	96.5	IN	Corydon, "B-96" 940	1108	WMPL	93.5	MI	Hancock, Limbaugh 1244
2047 WULF		KY	Hardinsburg, area PSA 915		KRAQ			Jackson, local ad 998
2047 WTRI		1L	Mount Carmel, area ad 873	1114	WHMH	101.7	MN	Sauk Rapids, "Rockin' 101"
2051 WTTS 2058 WFCJ		IN OH	Bloomington, area ad 986	4402	KKOK	95.7	LANE	1138
2111 WHTY		IN	Miamisburg, 1071 Hartford City, "east central IN"	1	WRJO	94.5	WI	Morris, ID 1125 Eagle River, ID 1257
2111 111111	30.0	114	1059	1	KKWQ	92.5		Warroad, "KQ-92," area ad
2111 WHTI	96.7	IN	Alexandria, "W-HIT" 1038					1349
2116 WJTW	93.5	IL	Joliet, "Star 93.5" 1019	1	WVIC	92.7	MI	Charlotte, c 1188
2135 KBPR	90.7	MN	Brainerd, RDS ID in text block		KKCQ	96.7	MN	Bagley, area PSA 1264
0457 148117	00.0		1190	8/5 E		00.7		Paris Carine PRC ID 4474
2157 WNIZ		IL MO	Zion, c 1080 Kirksville, "The X" 822		WAUS	90.7 89.5	Mi	Berrien Springs, RDS ID 1171 Mt. Pleasant, RDS ID 1236
2215 KRXL 2220 KIAQ		IA	Clarion, state ID 943		WLAV	96.9	MI	Grand Rapids, RDS ID 1230
2223 KOEL	92.3		Oelwein, ID 986		WOOD	105.7		Grand Rapids, "EZ-105.7" RDS
2225 KOKZ	105.7		Waterloo, RDS ID 963					ID 1167
2236 KIOW	107.3		Forest City, RDS ID 991	1017	WBLV	90.3	M	Twin Lake, RDS ID 1192
2242 KLTI	104.1		Ames, area ad 897	8/11				
2242 KAZR	103.3		Pella, "Lazer 103.3" 884		KSMB	94.5	LA	Lafayette, DI 387
2245 KQQL			Anoka, "Kool 108" 1131	8/12		045	A 7	Dhasniy local ad 927
2255 KSTP	94.5	MN	St. Paul, "KS 95" 1118		KOOL	94.5	AZ	Phoenix, local ad 837
8/4 Tr 0009 KNRG	92.3	TX	New Ulm, ID, "Texas Thunder"	8/15 1524	WXLK	92.3	VA	Roanoke, local ad 1188
OCCO INSTA	02.0	.,,	127	8/18	_			
8/4 Es					KROK	92.1	LA	DeRidder, "The Wave" 319
0818 WXBQ	96.9	TN	Bristol, area ad 1067	0742	KVVP	105.7	LA	Leesville, local ad, k 335
0820 WTFM	98.5	TN	Kingsport, same area ad! 1067		KJAE		LA	·
0825 WQUT	101.5		Johnson City, ID 1050		KUEZ	99.3	TX	Lufkin, RDS ID 265
0826 WSLC			Roanoke, RDS ID 1188		KTUX	98.9	TX	
0830 WXLK	92.3		Roanoke, rk, "K-92" 1188	1	WLNF	95.3	MS	Lumberton, area ad 577
0837 WZZB			Burnside, "B-93" 972	1920		92.3	CO	Grand Junction, RDS ID 880
0840 WTNJ			Mt. Hope, area PSA 1153 Monterey, RDS ID 901		KJYE KUBL	93.3		Salt Lake City, "The Bull" RDS
0841 <u>WKXD</u> 0845 WPAY			Portsmouth, ID 1095	1333	. CODE	55.5	0.	ID 1089
0854 WBOZ			Woodbury, area ad 846	1937	KYFO	95.5	UT	Ogden, rel 1118
0856 WTCR			Huntington, ID 1113	1	KMGJ	93.1		Grand Junction, local ads 876
0858 WUCZ	104.1	TN	Carthage, local ad 872	1941		96.9	??	
0900 WBLG	107.1	KY	Smiths Grove, local ad 879	1953	KBZN	97.9	UT	Ogden, area ad, j 1089
32								

Southern FM DX

Dyer continued 8/30 Tr

0039 WSJZ 94.9 LA Reserve, ID 480

An impressive first few days of August FM Es here. It provided much QRM for the debut of nearby KBEJ-2 near Fredericksburg! 144 MHz was reached August 3 1850-1925 into GA and NC and August 4th very briefly into OH at 0930. With the Narco Omnigator out of service several ILS/VOR catches were likely missed on those two dates as well. 73. Pat - WA5IYX

Eric Bueneman - NOUIH

631 Coachway Lane - Hazelwood, MO 63042-1347

(314) 839-9751 - NOUIHEric@aol.com

http://www.geocities.com/TelevisionCity/Taping/7423/K-Index.htm

http://www.gsl.net/n0uih/index.html

CST

Realistic STA-90 AM/FM/FM Stereo receiver, Radio Shack VU-210XR with Radio Shack Archerotor at 28' (8m) AGL

11/16 Tr/Gw

2330 Springfield IL 91.9, 98.7\$, 101.9\$, 103.7 80/128 102.9 MO Marshall, local PSA, calls, k 2339 KMMO

mixing w/KEZS 155/249

95.1 MO Hazelwood, southern Gospel/

CCM mix, promo

11/18 Ms 0136 KURR

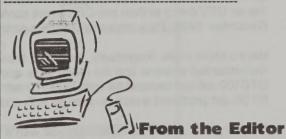
2340 ??

99.5 UT Bountiful, ad mentioning Murray

UT, briefly o/WCOY 1150/1851

January 2001

While monitoring for meteor scatter DX during the Leonids, I discovered Christian programming on 95.1. The programming included a mix of contemporary Christian and southern Gospel music, and tapes of a church service. Then I heard a promo for the First Christian Church in Hazelwood! The church is located on the city's southwest side, near the Ville Maria neighborhood. The station did not announce call letters; it only had a fair signal at this QTH, 2.5 miles (4k). It is not the city's first Part 15 station. however; I ran such a station on 107.1 MHz from 1993 to 1995, and again from 1996 to 1998. The Leonids did produce a major surprise, KURR 99.5! Noted a promo mentioning Murray, UT. I checked the road atlas, which revealed that both Murray and Bountiful are suburbs of Salt Lake City. This beats my best Ms record by 410miles (660 km), set just two years ago by WZKB 94.3 Wallace NC. Nothing else was identifiable by Ms. 73, Eric (NOUIH)



Welcome to the new year! Hope y'all had some Es during the holiday season. Be sure to keep up the fine support of SFM!

JZ

OSL CORNER ... continued from page 23

)ave Allen, continued:

VTMJ Milwaukee, Wisconsin Channel 4. Full data verification on WTMJ letterhead signed by Kent Aschenbrenner. Assistant Chief Engineer of TV Operati teceived in 19 days for a reception report and photos of WTMJ transmission and a first class stamp. Station address: 720 East Capitol Drive, Milwaukee, WI 3212-1371.

VTVP Peoria, Illinois. Channel 47. Friendly verification on WTVP letterhead, signed by David Schenk, Director of Engineering. Received in 17 days for a eception report, photos of WTVP transmission and a first class stamp (returned). Station address: 1501 West Bradley Ave., Peoria, IL 61625-0001. WQAD Moline, Illinois. Channel 8. Friendly verification letter on WQAD letterhead, signed by Marion Meginnis, President and General Manager. Received in 6 day or a reception report, photos a WQAD transmission and a first class stamp. Station address: 3003 Park 16th Street, Moline, IL 61625-6061

VHOI Creve Coeur, Illinois. Channel 19. Verification letter on WHOI letterhead, signed by Donna Thompson, General Manager's Assistant. Received in 6 d or a reception report, photos of WHOI transmission and a first class stamp. Station address: 500 N. Stewart Creve Coeur, IL 61610.

ETC St. Louis, Missouri, Channel 9. Full data verification letter on KETC letterhead and business card, signed by David Thiele, Engineering Manager. deceived in 7 days for a reception report, photos of KETC transmission and a first class stamp. Station address: 3655 Olive Street, St. Louis, MO 63108-3601

ASA Albuquerque, New Mexico. Channel 2. Full data verification letter on KASA letterhead, signed by Jim Haire, Translator Engineer. Received in 40 day or a reception report, photos of KASA transmission and a first class stamp. Station address: 1377 University Blvd. N-E., Albuquerque, NM 87102.

UII Corpus Christi, Texas. Channel 3. Friendly verification letter on KRI letterhead, signed by Ralph Quiroz, Chief Engineer. Received in 28 days for a eception report, VHS tape of KIII transmission (returned) and a first class priority mail stamp (used for return postage). Station address: 5002 South Padre sland Drive., Corpus Christi, TX 78411.

DFW Dallas, Texas. Channel 4. Verification letter on KDFW letterhead, signed by Mark LeVaHey, Vice-President of Engineering. Received in 11 days for eception report, VHS tape of KDFW transmission (not returned) and a first class priority stamp. Station address: 400 N. Griffin Street., Dallas, TX 75202.

"From The Consumer's Window: With no Axe to Grind, Television Broadcast Found Indoor 8-VSB Reception in NYC to be Problematic"

Digital Television and the Consumer

DTV Off-Air In The City: Not A Chance

In The Concrete Jungle, It's Cable Or Luck

By Michael Silbergleid, Editor, DigitalTelevision.com

"Even in the largest city in America, in a high multi-path environment, on the first floor, surrounded by skyscrapers, using an off-the-shelf antenna [a roof-mounted antenna and also a \$7 indoor "rabbit ears" antenna] purchased yesterday, digital TV works like a charm, said Mike O'Hara, Senior Vice President at Thomson.

Thomson got lucky. Others in the concrete jungle of New York City were not so lucky. Mark Schubin was told "unequivocally" by Thomson's PR people that there would not be an overthe-air DTV demo at their pre-CES press conference held at The Coach House in mid-December 1999. They happened to get a good signal so they did an OTA test anyway.

Here's some more: Reportedly, the digital broadcasts were reliably received on both the roof-mounted antenna and the rabbit ears, and produced a clear picture from an RCA DTC100 set-top box and 38-inch RCA HD set. The same antennae connected to an analog NTSC set produced a picture overlaid with snow and ghosting.

In theory, this should be repeatable. So with a variety of indoor and outdoor antennas (all housed indoors) and two RCA DTC100 (as well as two Panasonic TU-DST50) 8-VSB settop receivers we tried to duplicate Thomson's results. First with Mark Schubin at "The Schubin Site" on January 7 and 21, 2000 (upper west side of New York) (see "From The Consumer's Window") and second with myself at "The Silbergleid Site" (upper east side of New York) on January 22. All tests were open to witnesses. The January 7 and 22 tests were aided by C. B. Patel, a consultant to Samsung who also does technical work for the ATSC. The January 21 test was aided by Philip Galasso of Modulation Sciences, consultant Herb Ohlandt, and Mike Tsinberg of Toshiba.

Site Two

The results at site two were not encouraging: No DTV reception. The site is on the second floor of 425 East 80th Street in Manhattan in the middle of a city block surrounded by medium sized buildings. The site faces the Empire State Building (southern exposure) and is approximately 2-1/2 miles away to the south-southwest. All antenna (indoor and outdoor) were tested from the same **indoor** physical location mounted next to an opened window due to NYC housing rules for antenna mounting.

Channel 41 analog (WXTV, Paterson, NJ--Univision) was used as a reference as their signal emanates from Empire as well. All 13 of the antennas were able to find channel 56, WCBS-DT but none could differentiate between all the multipath to provide a picture. Not a single antenna could even locate a signal on channel 44, WNYW-DT (Fox). Only seven antennas received a viewable signal (sometimes pretty good and at other times with ghosts and/or snow) on analog channel 41.

Antenna (with RCA DTC100)	Туре	Analog Reception (Channel 41)	Digital Reception (Channel 56)
Channel Master 4248	Outdoor	No	No
Channel Master 4308	Outdoor	Viewable	No
Channel Master 3010 (STEALTHtenna)	Outdoor	Viewable	No
Channel Master 3021	Outdoor	Viewable	No
Winegard SENSAR	Outdoor	Viewable	No
GE Max 6-foot (amplified)	Outdoor	No	No
RCA Low Profile ANT350	Indoor	No	No
Radio Shack Dipole/Bow-Tie 15- 234E	Indoor	Viewable	No
Xium Spilateral XM2000	Outdoor	No	No
Radio Shack Double Bow-Tie 15- 623A	Indoor	No	No
Loop (original equipment with a Sony TV)	Indoor	Viewable	No
Optimus (Radio Shack) Tunable Antenna 15-1808B	Indoor	No	No
Antiference Silver Sensor (available in Europe)	Indoor	Viewable	No

Reception at 425 East 80th Street, apartment 2-A

So a challenge to Thomson, other 8-VSB set-top receiver and DTV set manufacturers, and antenna manufacturers—come to "The Silbergleid Site" and get me my DTV. Because, as Patel noted on January 22: "It's a sorry affair."

Note: For "The Silbergleid Site," funding for the purchase of some test components for was provided by Television Broadcast magazine. The RCA DTC100 was loaned by the NIMA Motion Imagery Program. The Panasonic TU-DST50 was loaned by Panasonic Broadcast Digital Systems Company. Some antennas were supplied by Channel Master, Winegard, Mark Schubin, PBS and the NIMA Motion Imagery Program. The tripod for outdoor antennas was provided by Channel Master. The monitor for viewing (Panasonic Tau--CT-34WDM60 34-inch diagonal HDTV-compatible) was loaned by The SilverKnight Group.



WORLDWIDE TV-FM DX ASSOCIATION PO BOX 501 - SOMERSVILLE, CT 06072



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